

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 13:32:04 ; Search time 31 Seconds
(without alignments)
3.617 Million cell updates/sec

Title: us-10-017-621-3

Perfect score: 1745

Sequence: 1 tggagcagcgtaagatg.....gttcactgcacattgtcc 1745

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1627 seqs, 32127 residues

Total number of hits satisfying chosen parameters: 3254

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1634 summaries

Database : rnpdb.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22.4	1.3	33	1	US-10-169-580-18
2	22.4	1.3	33	1	US-10-169-580-19
3	22	1.3	22	1	US-10-017-621-5
4	21.6	1.2	31	1	US-09-801-274-752
5	21	1.2	31	1	US-09-801-274-94
6	20.2	1.2	27	1	US-10-418-182-140
7	20	1.1	20	1	US-10-017-621-10
8	20	1.1	20	1	US-10-017-621-11
9	20	1.1	20	1	US-10-017-621-12
10	20	1.1	20	1	US-10-017-621-13
11	20	1.1	20	1	US-10-017-621-14
12	20	1.1	20	1	US-10-017-621-15
13	20	1.1	20	1	US-10-017-621-16
14	20	1.1	20	1	US-10-017-621-17
15	20	1.1	20	1	US-10-017-621-18
16	20	1.1	20	1	US-10-017-621-19
17	20	1.1	20	1	US-10-017-621-20
18	20	1.1	20	1	US-10-017-621-21
19	20	1.1	20	1	US-10-017-621-22
20	20	1.1	20	1	US-10-017-621-23
21	20	1.1	20	1	US-10-017-621-24
22	20	1.1	20	1	US-10-017-621-25
23	20	1.1	20	1	US-10-017-621-26
24	20	1.1	20	1	US-10-017-621-27
25	20	1.1	20	1	US-10-017-621-28
26	20	1.1	20	1	US-10-017-621-29
27	20	1.1	20	1	US-10-017-621-30
28	20	1.1	20	1	US-10-017-621-31
29	20	1.1	20	1	US-10-017-621-32
30	20	1.1	20	1	US-10-017-621-33
31	20	1.1	20	1	US-10-017-621-34
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33	20	1.1	20	1	US-10-017-621-36
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					Sequence 19, Appl
					Sequence 5, Appl
					Sequence 752, App
					Sequence 94, Appl
					Sequence 140, App
					Sequence 10, Appl
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					Sequence 12, Appl
					Sequence 13, Appl
					Sequence 14, Appl
					Sequence 15, Appl
					Sequence 16, Appl
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Sequence 3580, Ap
Sequence 3583, Ap
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Sequence 15294, A
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08	17	1.0	20	1	US-09-774-809-42	Sequence 42, Appl	c 181	15.4	0.9	20	1	US-10-109-349A-229	Sequence 229, Appl
09	17	1.0	20	1	US-09-888-326-463	Sequence 463, App	c 182	15.4	0.9	20	1	US-10-163-272-20	Sequence 20, Appl
10	17	1.0	20	1	US-09-776-479-311	Sequence 311, App	c 183	15.4	0.9	20	1	US-10-163-272-97	Sequence 97, Appl
11	17	1.0	20	1	US-09-776-479-311	Sequence 311, App	c 184	15.4	0.9	20	1	US-10-174-319-20	Sequence 20, Appl
12	17	1.0	20	1	US-10-112-653-301	Sequence 301, App	c 185	15.4	0.9	20	1	US-10-174-319-90	Sequence 90, Appl
13	17	1.0	20	1	US-10-017-995-311	Sequence 311, App	c 186	15.4	0.9	20	1	US-10-177-554-23	Sequence 23, Appl
14	17	1.0	20	1	US-10-314-578-311	Sequence 311, App	c 187	15.4	0.9	20	1	US-10-177-554-165	Sequence 165, App
15	17	1.0	20	1	US-10-345-444B-31	Sequence 31, Appl	c 188	15.4	0.9	20	1	US-10-177-554-27	Sequence 27, Appl
16	17	1.0	20	1	US-10-345-444B-42	Sequence 42, Appl	c 189	15.4	0.9	20	1	US-10-210-589-27	Sequence 27, Appl
17	17	1.0	20	1	US-10-098-263B-48152	Sequence 48152, A	c 190	15.4	0.9	20	1	US-10-428-275-418	Sequence 32, Appl
18	17	1.0	25	1	US-10-098-263B-102020	Sequence 102020,	c 191	15.4	0.9	20	1	US-10-292-849-32	Sequence 102, App
19	17	1.0	25	1	US-10-098-263B-128708	Sequence 128708,	c 192	15.4	0.9	20	1	US-10-292-849-102	Sequence 21, Appl
20	17	1.0	25	1	US-10-291-808-73	Sequence 73, Appl	c 193	15.4	0.9	20	1	US-10-671-074-21	Sequence 101, App
21	17	1.0	25	1	US-10-016-248-132	Sequence 132, App	c 194	15.4	0.9	20	1	US-10-671-074-101	Sequence 100, App
22	17	1.0	26	1	US-10-007-010-56	Sequence 56, Appl	c 195	15.4	0.9	20	1	US-10-316-755-231	Sequence 231, App
23	16.8	1.0	20	1	US-10-315-765-15	Sequence 15, Appl	c 196	15.4	0.9	20	1	US-10-663-452-20	Sequence 20, Appl
24	16.6	1.0	20	1	US-10-323-463-3	Sequence 3, Appl	c 197	15.4	0.9	20	1	US-10-663-452-97	Sequence 97, Appl
25	16.6	1.0	20	1	US-09-898-779-109	Sequence 109, App	c 198	15.4	0.9	20	1	US-09-065-040-6	Sequence 6, Appl
26	16.6	1.0	24	1	US-10-289-743-7	Sequence 7, Appl	c 199	15.4	0.9	21	1	US-10-002-309B-13	Sequence 13, Appl
27	16.6	1.0	24	1	US-10-140-210-7	Sequence 7, Appl	c 200	15.4	0.9	21	1	US-10-361-002-13	Sequence 13, Appl
28	16.6	1.0	25	1	US-09-866-108-15293	Sequence 15293, A	c 201	15.4	0.9	21	1	US-10-361-004-13	Sequence 13, Appl
29	16.6	1.0	25	1	US-09-866-108-15297	Sequence 15297, A	c 202	15.2	0.9	21	1	US-09-791-406-54	Sequence 54, Appl
30	16.6	1.0	25	1	US-09-827-998-1392	Sequence 1392, Ap	c 203	15.2	0.9	20	1	US-09-945-952A-9	Sequence 9, Appl
31	16.6	1.0	25	1	US-09-827-998-1392	Sequence 1392, Ap	c 204	15.2	0.9	20	1	US-09-945-952A-40	Sequence 40, Appl
32	16.6	1.0	25	1	US-10-060-756A-3579	Sequence 3579, Ap	c 205	15.2	0.9	20	1	US-09-961-077-1259	Sequence 1259, Ap
33	16.6	1.0	25	1	US-10-060-756A-3584	Sequence 3584, Ap	c 206	15.2	0.9	20	1	US-09-961-077-1259	Sequence 40, Appl
34	16.6	1.0	25	1	US-10-215-112-12033	Sequence 12033, A	c 207	15.2	0.9	20	1	US-09-961-077-1259	Sequence 40, Appl
35	16.6	1.0	25	1	US-10-098-263B-47771	Sequence 47771, A	c 208	15.2	0.9	20	1	US-10-035-485A-60	Sequence 60, Appl
36	16.6	1.0	25	1	US-10-098-263B-51199	Sequence 51199, A	c 209	15.2	0.9	20	1	US-10-174-771-50	Sequence 50, Appl
37	16.6	1.0	25	1	US-10-098-263B-91054	Sequence 91054, A	c 210	15.2	0.9	20	1	US-10-174-771-50	Sequence 120, App
38	16.6	1.0	25	1	US-10-675-685-1392	Sequence 1392, Ap	c 211	15.2	0.9	20	1	US-10-189-266-25	Sequence 25, Appl
39	16.6	1.0	25	1	US-10-675-685-1393	Sequence 1393, Ap	c 212	15.2	0.9	20	1	US-10-189-266-25	Sequence 52, Appl
40	16.6	1.0	25	1	US-10-717-597-2421	Sequence 2421, Ap	c 213	15.2	0.9	20	1	US-10-189-266-25	Sequence 99, Appl
41	16.6	1.0	25	1	US-10-723-361-15297	Sequence 15297, A	c 214	15.2	0.9	20	1	US-10-189-266-25	Sequence 119, App
42	16.6	1.0	25	1	US-10-066-965A-30	Sequence 30, Appl	c 215	15.2	0.9	20	1	US-10-189-266-25	Sequence 58, Appl
43	16.6	1.0	25	1	US-10-177-554-47	Sequence 47, Appl	c 216	15.2	0.9	20	1	US-10-189-266-25	Sequence 41, Appl
44	16.4	0.9	20	1	US-10-177-554-183	Sequence 183, App	c 217	15.2	0.9	20	1	US-10-303-635-74	Sequence 74, Appl
45	16.4	0.9	20	1	US-10-098-263B-40306	Sequence 40306, A	c 218	15.2	0.9	20	1	US-10-671-395-242	Sequence 242, App
46	16.4	0.9	25	1	US-09-828-034-31	Sequence 31, Appl	c 219	15.2	0.9	20	1	US-10-342-311-8	Sequence 8, Appl
47	16.4	0.9	21	1	US-09-726-774-65	Sequence 65, Appl	c 220	15.2	0.9	20	1	US-10-476-962-163	Sequence 163, App
48	16.2	0.9	21	1	US-10-184-085A-272	Sequence 272, App	c 221	15.2	0.9	20	1	US-09-174-186-4	Sequence 4, Appl
49	16.2	0.9	21	1	US-10-156-995-213	Sequence 213, App	c 222	15.2	0.9	20	1	US-09-828-034-11	Sequence 11, Appl
50	16.2	0.9	21	1	US-10-719-633-65	Sequence 65, Appl	c 223	15.2	0.9	20	1	US-09-828-034-30	Sequence 30, Appl
51	16.2	0.9	21	1	US-10-239-504-26	Sequence 26, Appl	c 224	15.2	0.9	20	1	US-09-828-034-30	Sequence 21, Appl
52	16.2	0.9	22	1	US-10-731-739-567	Sequence 567, App	c 225	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
53	16.2	0.9	24	1	US-10-665-951-1046	Sequence 1046, Ap	c 226	15.2	0.9	20	1	US-09-828-034-30	Sequence 18, Appl
54	16.2	0.9	19	1	US-10-665-951-1370	Sequence 1370, Ap	c 227	15.2	0.9	20	1	US-09-828-034-30	Sequence 19, Appl
55	15.8	0.9	19	1	US-10-181-846-35	Sequence 35, Appl	c 228	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
56	15.8	0.9	20	1	US-10-066-965A-31	Sequence 31, Appl	c 229	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
57	15.8	0.9	20	1	US-10-211-859-35	Sequence 17, Appl	c 230	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
58	15.8	0.9	20	1	US-10-212-993-17	Sequence 15, Appl	c 231	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
59	15.8	0.9	20	1	US-10-304-082-15	Sequence 51, Appl	c 232	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
60	15.8	0.9	20	1	US-10-671-395-514	Sequence 514, App	c 233	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
61	15.8	0.9	20	1	US-10-418-182-98	Sequence 98, Appl	c 234	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
62	15.8	0.9	20	1	US-10-418-182-98	Sequence 1777, Ap	c 235	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
63	15.8	0.9	21	1	US-09-864-426A-1777	Sequence 1777, Ap	c 236	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
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66	15.8	0.9	23	1	US-10-007-574-5	Sequence 3122, Ap	c 239	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
67	15.8	0.9	22	1	US-09-940-185-3122	Sequence 20, Appl	c 240	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
68	15.8	0.9	24	1	US-10-092-947A-20	Sequence 544, App	c 241	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
69	15.8	0.9	24	1	US-09-827-998-544	Sequence 1499, Ap	c 242	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
70	15.4	0.9	17	1	US-09-927-046-1499	Sequence 544, App	c 243	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
71	15.4	0.9	17	1	US-10-675-685-544	Sequence 8964, Ap	c 244	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
72	15.4	0.9	17	1	US-10-138-674-8964	Sequence 8964, Ap	c 245	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
73	15.4	0.9	17	1	US-10-287-949A-8964	Sequence 8964, Ap	c 246	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
74	15.4	0.9	17	1	US-10-189-940-59	Sequence 59, Appl	c 247	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
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76	15.4	0.9	20	1			c 249	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
77	15.4	0.9	20	1			c 250	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl
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79	15.4	0.9	20	1			c 252	15.2	0.9	20	1	US-09-828-034-30	Sequence 1, Appl

C 253	15.2	0.9	21	1	US-10-352-586-18	Sequence 18, Appl	326	14.8	0.8	20	1	US-10-293-864-18	Sequence 18, Appl
C 254	15.2	0.9	21	1	US-10-318-628-3	Sequence 3, Appl	C 327	14.8	0.8	20	1	US-10-293-864-96	Sequence 96, Appl
C 255	15.2	0.9	21	1	US-10-318-628-12	Sequence 12, Appl	C 328	14.8	0.8	20	1	US-10-671-395-638	Sequence 638, Appl
C 256	15.2	0.9	21	1	US-10-318-628-26	Sequence 26, Appl	C 329	14.8	0.8	20	1	US-10-773-542-22	Sequence 22, Appl
C 257	15.2	0.9	21	1	US-10-318-628-34	Sequence 34, Appl	C 330	14.8	0.8	20	1	US-10-782-998-12	Sequence 12, Appl
C 258	15.2	0.9	21	1	US-10-318-628-41	Sequence 41, Appl	C 331	14.8	0.8	20	1	US-10-383-707-8	Sequence 8, Appl
C 259	15.2	0.9	21	1	US-10-181-200-3	Sequence 3, Appl	C 332	14.8	0.8	20	1	US-10-619-739-575	Sequence 575, Appl
C 260	15.2	0.9	21	1	US-10-181-200-7	Sequence 7, Appl	C 333	14.8	0.8	21	1	US-10-028-056-9	Sequence 9, Appl
C 261	15.2	0.9	21	1	US-10-418-182-110	Sequence 110, Appl	C 334	14.8	0.8	21	1	US-10-205-713A-8	Sequence 8, Appl
C 262	15.2	0.9	21	1	US-10-444-445-3	Sequence 3, Appl	C 335	14.8	0.8	21	1	US-10-325-881-35	Sequence 35, Appl
C 263	15.2	0.9	21	1	US-10-628-109-165	Sequence 165, Appl	C 336	14.8	0.8	21	1	US-10-321-188-11	Sequence 11, Appl
C 264	15.2	0.9	21	1	US-10-398-870-7	Sequence 7, Appl	C 337	14.8	0.8	21	1	US-10-786-720-14267	Sequence 14267, A
C 265	15.2	0.9	21	1	US-10-398-870-22	Sequence 22, Appl	C 338	14.8	0.8	21	1	US-10-231-913-245	Sequence 245, Appl
C 266	15.2	0.9	21	1	US-10-605-498-2	Sequence 2, Appl	C 339	14.8	0.8	22	1	US-10-085-198-315	Sequence 315, Appl
C 267	15.2	0.9	21	1	US-10-768-089-13	Sequence 13, Appl	C 340	14.8	0.8	22	1	US-10-114-270-272	Sequence 272, Appl
C 268	15.2	0.9	21	1	US-10-661-088-10	Sequence 10, Appl	C 341	14.8	0.8	22	1	US-10-427-224-19	Sequence 19, Appl
C 269	15.2	0.9	21	1	US-10-661-088-11	Sequence 11, Appl	C 342	14.8	0.8	22	1	US-10-418-251-6	Sequence 6, Appl
C 270	15.2	0.9	21	1	US-10-661-088-11	Sequence 11, Appl	C 343	14.8	0.8	22	1	US-10-202-162A-26	Sequence 26, Appl
C 271	15.2	0.9	21	1	US-10-661-088-11	Sequence 11, Appl	C 344	14.6	0.8	20	1	US-09-964-261-30	Sequence 30, Appl
C 272	15.2	0.9	21	1	US-10-777-838-47	Sequence 47, Appl	C 345	14.6	0.8	21	1	US-08-983-605-282	Sequence 282, Appl
C 273	15.2	0.9	21	1	US-10-777-838-47	Sequence 47, Appl	C 346	14.6	0.8	21	1	US-09-964-261-31	Sequence 31, Appl
C 274	15.2	0.9	21	1	US-10-661-355-10	Sequence 10, Appl	C 347	14.6	0.8	21	1	US-09-932-300-37	Sequence 37, Appl
C 275	15.2	0.9	21	1	US-10-661-355-11	Sequence 11, Appl	C 348	14.6	0.8	21	1	US-10-006-611-7	Sequence 7, Appl
C 276	15.2	0.9	21	1	US-10-661-099-10	Sequence 10, Appl	C 349	14.6	0.8	21	1	US-10-243-035-6	Sequence 6, Appl
C 277	15.2	0.9	21	1	US-10-661-099-11	Sequence 11, Appl	C 350	14.6	0.8	21	1	US-10-243-035-9	Sequence 9, Appl
C 278	15.2	0.9	21	1	US-10-786-720-1654	Sequence 1654, Appl	C 351	14.6	0.8	21	1	US-10-184-085A-164	Sequence 164, Appl
C 279	15.2	0.9	21	1	US-10-786-720-11735	Sequence 11735, A	C 352	14.6	0.8	21	1	US-10-184-085A-200	Sequence 200, Appl
C 280	15.2	0.9	22	1	US-09-755-665-68	Sequence 68, Appl	C 353	14.6	0.8	21	1	US-10-184-085A-236	Sequence 236, Appl
C 281	15.2	0.9	22	1	US-10-080-979-19	Sequence 19, Appl	C 354	14.6	0.8	21	1	US-10-184-085A-864	Sequence 864, Appl
C 282	15.2	0.9	22	1	US-10-093-463-313	Sequence 313, Appl	C 355	14.6	0.8	21	1	US-10-388-281-35	Sequence 35, Appl
C 283	15.2	0.9	22	1	US-10-263-929-210	Sequence 210, Appl	C 356	14.6	0.8	21	1	US-10-349-143-7806	Sequence 7806, Appl
C 284	15.2	0.9	22	1	US-10-367-502-436	Sequence 436, Appl	C 357	14.6	0.8	21	1	US-10-085-198-461	Sequence 10136, A
C 285	15.2	0.9	22	1	US-10-271-638-9	Sequence 9, Appl	C 358	14.6	0.8	21	1	US-10-050-888A-13	Sequence 461, Appl
C 286	15.2	0.9	22	1	US-10-629-248-68	Sequence 68, Appl	C 359	14.6	0.8	21	1	US-10-476-021-4	Sequence 13, Appl
C 287	15.2	0.9	22	1	US-10-780-439-19	Sequence 19, Appl	C 360	14.6	0.8	21	1	US-10-786-720-6120	Sequence 4, Appl
C 288	15.2	0.9	23	1	US-10-291-230-3	Sequence 3, Appl	C 361	14.6	0.8	21	1	US-10-786-720-6372	Sequence 6120, Appl
C 289	15.2	0.9	23	1	US-10-291-249-3	Sequence 3, Appl	C 362	14.6	0.8	21	1	US-10-786-720-13394	Sequence 6372, Appl
C 290	15.2	0.9	23	1	US-10-361-848-3	Sequence 3, Appl	C 363	14.6	0.8	21	1	US-10-786-720-14106	Sequence 13394, A
C 291	15.2	0.9	23	1	US-10-273-678-13	Sequence 13, Appl	C 364	14.6	0.8	21	1	US-10-786-720-17362	Sequence 14106, A
C 292	15	0.9	23	1	US-10-762-596-5	Sequence 5, Appl	C 365	14.6	0.8	21	1	US-10-786-720-18550	Sequence 17362, A
C 293	15	0.9	17	1	US-10-017-621-4	Sequence 4, Appl	C 366	14.6	0.8	21	1	US-10-786-720-20510	Sequence 18550, A
C 294	15	0.9	17	1	US-09-848-754A-1374	Sequence 1374, Appl	C 367	14.6	0.8	21	1	US-10-786-720-20515	Sequence 20510, A
C 295	15	0.9	17	1	US-09-848-754A-2427	Sequence 2427, Appl	C 368	14.6	0.8	21	1	US-10-786-720-20725	Sequence 20725, A
C 296	15	0.9	20	1	US-09-906-158-44	Sequence 44, Appl	C 369	14.6	0.8	22	1	US-09-969-373-3987	Sequence 3987, Appl
C 297	15	0.9	20	1	US-10-388-263-493	Sequence 493, Appl	C 370	14.6	0.8	22	1	US-09-864-636A-2106	Sequence 2106, Appl
C 298	15	0.9	20	1	US-10-388-263-494	Sequence 494, Appl	C 371	14.6	0.8	22	1	US-09-997-594-18	Sequence 14, Appl
C 299	15	0.9	23	1	US-09-761-962-494	Sequence 494, Appl	C 372	14.6	0.8	22	1	US-09-997-594-33	Sequence 33, Appl
C 300	15	0.9	23	1	US-10-283-300-43	Sequence 43, Appl	C 373	14.6	0.8	22	1	US-09-997-594-39	Sequence 39, Appl
C 301	15	0.9	23	1	US-10-337-169-17	Sequence 43, Appl	C 374	14.6	0.8	22	1	US-09-864-426A-2106	Sequence 51, Appl
C 302	15	0.9	23	1	US-10-026-952-3	Sequence 17, Appl	C 375	14.6	0.8	22	1	US-10-032-585-4011	Sequence 2106, Appl
C 303	15	0.9	23	1	US-10-384-893-21	Sequence 3, Appl	C 376	14.6	0.8	22	1	US-10-035-568-14	Sequence 14, Appl
C 304	15	0.9	23	1	US-10-396-964-39	Sequence 21, Appl	C 377	14.6	0.8	22	1	US-10-115-482-143	Sequence 18, Appl
C 305	15	0.9	23	1	US-10-463-190-21	Sequence 39, Appl	C 378	14.6	0.8	22	1	US-10-444-575-35	Sequence 33, Appl
C 306	15	0.9	23	1	US-10-095-248A-21	Sequence 21, Appl	C 379	14.6	0.8	22	1	US-10-161-527-57	Sequence 39, Appl
C 307	15	0.9	23	1	US-10-788-606-21	Sequence 21, Appl	C 380	14.6	0.8	22	1	US-10-333-068-68	Sequence 237, Appl
C 308	15	0.9	23	1	US-10-349-143-11527	Sequence 14, Appl	C 381	14.6	0.8	22	1	US-10-333-068-68	Sequence 237, Appl
C 309	14.8	0.8	18	1	US-10-206-618-15	Sequence 15, Appl	C 382	14.6	0.8	22	1	US-09-827-998-543	Sequence 543, Appl
C 310	14.8	0.8	18	1	US-09-759-881-27	Sequence 27, Appl	C 383	14.6	0.8	22	1	US-09-827-998-543	Sequence 545, Appl
C 311	14.8	0.8	20	1	US-09-865-933-23	Sequence 23, Appl	C 384	14.6	0.8	22	1	US-09-827-998-543	Sequence 545, Appl
C 312	14.8	0.8	20	1	US-09-898-556A-22	Sequence 22, Appl	C 385	14.6	0.8	22	1	US-09-827-998-543	Sequence 545, Appl
C 313	14.8	0.8	20	1	US-09-978-244A-85	Sequence 85, Appl	C 386	14.6	0.8	22	1	US-09-827-998-543	Sequence 545, Appl
C 314	14.8	0.8	20	1	US-09-754-106-72	Sequence 72, Appl	C 387	14.6	0.8	22	1	US-09-827-998-543	Sequence 545, Appl
C 315	14.8	0.8	20	1	US-10-006-366-80	Sequence 80, Appl	C 388	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 316	14.8	0.8	20	1	US-10-002-623-861	Sequence 861, Appl	C 389	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 317	14.8	0.8	20	1	US-10-160-787-37	Sequence 37, Appl	C 390	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 318	14.8	0.8	20	1	US-10-160-787-106	Sequence 106, Appl	C 391	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 319	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 392	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 320	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 393	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 321	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 394	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 322	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 395	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 323	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 396	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 324	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 397	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl
C 325	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 398	14.4	0.8	17	1	US-09-827-998-543	Sequence 545, Appl

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199	14.4	0.8	17	1	US-10-060-756A-63	Sequence 63, Appl	472	14.2	0.8	20	1	US-09-791-406-66	Sequence 66, Appl
100	14.4	0.8	17	1	US-10-060-756A-64	Sequence 64, Appl	473	14.2	0.8	20	1	US-09-833-555-7	Sequence 7, Appl
101	14.4	0.8	17	1	US-10-163-552-249	Sequence 249, App	474	14.2	0.8	20	1	US-09-766-173C-6	Sequence 6, Appl
102	14.4	0.8	17	1	US-10-158-306-5004	Sequence 5004, Ap	475	14.2	0.8	20	1	US-09-766-173C-7	Sequence 7, Appl
103	14.4	0.8	17	1	US-10-238-700-301	Sequence 301, App	476	14.2	0.8	20	1	US-09-774-809-121	Sequence 121, App
104	14.4	0.8	17	1	US-10-260-638-183	Sequence 183, App	477	14.2	0.8	20	1	US-09-766-450-69	Sequence 69, Appl
105	14.4	0.8	17	1	US-10-260-638-184	Sequence 184, App	478	14.2	0.8	20	1	US-09-935-316-3	Sequence 3, Appl
106	14.4	0.8	17	1	US-10-209-787-2930	Sequence 2930, Ap	479	14.2	0.8	20	1	US-09-919-197-73	Sequence 73, Appl
107	14.4	0.8	17	1	US-10-209-787-2931	Sequence 2931, Ap	480	14.2	0.8	20	1	US-09-953-047-90	Sequence 90, Appl
108	14.4	0.8	17	1	US-10-261-185-2931	Sequence 2931, Ap	481	14.2	0.8	20	1	US-09-939-379B-2	Sequence 2, Appl
109	14.4	0.8	17	1	US-10-261-185-2931	Sequence 543, App	482	14.2	0.8	20	1	US-09-939-379B-3	Sequence 3, Appl
110	14.4	0.8	17	1	US-10-675-685-543	Sequence 545, App	483	14.2	0.8	20	1	US-09-972-607-86	Sequence 86, Appl
111	14.4	0.8	17	1	US-10-675-685-545	Sequence 6740, Ap	484	14.2	0.8	20	1	US-09-961-001-73	Sequence 73, Appl
112	14.4	0.8	17	1	US-10-138-674-6740	Sequence 6742, Ap	485	14.2	0.8	20	1	US-09-961-755A-10	Sequence 10, Appl
113	14.4	0.8	17	1	US-10-287-949A-6740	Sequence 6742, Ap	486	14.2	0.8	20	1	US-09-961-755A-11	Sequence 11, Appl
114	14.4	0.8	17	1	US-10-287-949A-7642	Sequence 7642, Ap	487	14.2	0.8	20	1	US-09-944-493-3	Sequence 3, Appl
115	14.4	0.8	17	1	US-10-287-949A-7642	Sequence 7642, Ap	488	14.2	0.8	20	1	US-09-843-377-49	Sequence 49, Appl
116	14.4	0.8	17	1	US-10-681-074-2931	Sequence 2931, Ap	489	14.2	0.8	20	1	US-09-781-712B-20	Sequence 20, Appl
117	14.4	0.8	17	1	US-10-681-074-2931	Sequence 2931, Ap	490	14.2	0.8	20	1	US-09-781-712B-20	Sequence 20, Appl
118	14.4	0.8	17	1	US-09-263-959-921	Sequence 921, App	491	14.2	0.8	20	1	US-10-199-559-2	Sequence 2, Appl
119	14.4	0.8	18	1	US-10-317-449-67	Sequence 19, Appl	492	14.2	0.8	20	1	US-10-199-559-3	Sequence 3, Appl
120	14.4	0.8	18	1	US-10-317-449-67	Sequence 67, Appl	493	14.2	0.8	20	1	US-10-105-211B-1	Sequence 1, Appl
121	14.4	0.8	18	1	US-10-388-263-172	Sequence 172, App	494	14.2	0.8	20	1	US-10-203-860-18	Sequence 18, Appl
122	14.4	0.8	18	1	US-10-349-143-5066	Sequence 5066, Ap	495	14.2	0.8	20	1	US-10-006-430-32	Sequence 32, Appl
123	14.4	0.8	19	1	US-10-318-628-9	Sequence 9, Appl	496	14.2	0.8	20	1	US-10-024-369-86	Sequence 86, Appl
124	14.4	0.8	19	1	US-10-316-755-14	Sequence 14, Appl	497	14.2	0.8	20	1	US-10-021-707-24	Sequence 24, Appl
125	14.4	0.8	19	1	US-10-474-481A-34	Sequence 34, Appl	498	14.2	0.8	20	1	US-10-131-544-30	Sequence 30, Appl
126	14.4	0.8	20	1	US-09-898-361-105	Sequence 105, App	499	14.2	0.8	20	1	US-10-430-196-99	Sequence 30, Appl
127	14.4	0.8	20	1	US-09-888-361-105	Sequence 105, App	500	14.2	0.8	20	1	US-10-141-029-12	Sequence 99, Appl
128	14.4	0.8	20	1	US-10-032-585-5572	Sequence 5572, Ap	501	14.2	0.8	20	1	US-10-141-029-12	Sequence 12, Appl
129	14.4	0.8	20	1	US-10-361-725A-24	Sequence 24, Appl	502	14.2	0.8	20	1	US-10-141-063-12	Sequence 12, Appl
130	14.4	0.8	20	1	US-10-436-715-90	Sequence 90, Appl	503	14.2	0.8	20	1	US-10-141-093-12	Sequence 12, Appl
131	14.4	0.8	20	1	US-10-215-821-54	Sequence 54, Appl	504	14.2	0.8	20	1	US-10-141-093-12	Sequence 12, Appl
132	14.4	0.8	20	1	US-10-418-251-8	Sequence 8, Appl	505	14.2	0.8	20	1	US-10-141-095-12	Sequence 12, Appl
133	14.4	0.8	20	1	US-10-238-994-85	Sequence 85, Appl	506	14.2	0.8	20	1	US-10-141-102-12	Sequence 12, Appl
134	14.4	0.8	20	1	US-10-238-994-192	Sequence 192, App	507	14.2	0.8	20	1	US-10-141-103-12	Sequence 12, Appl
135	14.4	0.8	20	1	US-10-671-074-64	Sequence 64, Appl	508	14.2	0.8	20	1	US-10-141-103-12	Sequence 12, Appl
136	14.4	0.8	20	1	US-10-718-948-4	Sequence 4, Appl	509	14.2	0.8	20	1	US-10-146-860-46	Sequence 46, Appl
137	14.4	0.8	20	1	US-10-671-395-766	Sequence 766, App	510	14.2	0.8	20	1	US-10-160-807-124	Sequence 124, App
138	14.4	0.8	20	1	US-10-671-395-992	Sequence 992, App	511	14.2	0.8	20	1	US-10-160-807-262	Sequence 262, App
139	14.4	0.8	20	1	US-09-765-081-326	Sequence 326, App	512	14.2	0.8	20	1	US-10-160-787-65	Sequence 65, Appl
140	14.4	0.8	21	1	US-09-881-032-24	Sequence 24, Appl	513	14.2	0.8	20	1	US-10-160-787-65	Sequence 68, Appl
141	14.4	0.8	21	1	US-10-184-085A-1062	Sequence 1062, Ap	514	14.2	0.8	20	1	US-10-160-787-68	Sequence 122, App
142	14.4	0.8	21	1	US-10-184-085A-1065	Sequence 1065, Ap	515	14.2	0.8	20	1	US-10-160-787-122	Sequence 126, App
143	14.4	0.8	21	1	US-10-184-085A-1099	Sequence 1099, Ap	516	14.2	0.8	20	1	US-10-160-787-126	Sequence 128, App
144	14.4	0.8	21	1	US-10-184-085A-1100	Sequence 1100, Ap	517	14.2	0.8	20	1	US-10-160-787-128	Sequence 24, Appl
145	14.4	0.8	21	1	US-10-184-085A-1102	Sequence 1102, Ap	518	14.2	0.8	20	1	US-10-159-856-24	Sequence 61, Appl
146	14.4	0.8	21	1	US-10-184-085A-1103	Sequence 1103, Ap	519	14.2	0.8	20	1	US-10-167-034-61	Sequence 127, App
147	14.4	0.8	21	1	US-10-786-720-13048	Sequence 13048, A	520	14.2	0.8	20	1	US-10-167-034-127	Sequence 32, Appl
148	14.4	0.8	21	1	US-10-786-720-13049	Sequence 13049, A	521	14.2	0.8	20	1	US-10-173-240-32	Sequence 39, Appl
149	14.4	0.8	21	1	US-10-786-720-13050	Sequence 13050, A	522	14.2	0.8	20	1	US-10-173-240-39	Sequence 66, Appl
150	14.4	0.8	21	1	US-10-786-720-13059	Sequence 13059, A	523	14.2	0.8	20	1	US-10-173-240-66	Sequence 72, Appl
151	14.4	0.8	21	1	US-10-786-720-13100	Sequence 13100, A	524	14.2	0.8	20	1	US-10-173-240-72	Sequence 5, Appl
152	14.4	0.8	21	1	US-10-786-720-13101	Sequence 13101, A	525	14.2	0.8	20	1	US-10-173-718-5	Sequence 11, Appl
153	14.4	0.8	22	1	US-10-606-133-219	Sequence 219, App	526	14.2	0.8	20	1	US-10-186-157-11	Sequence 106, App
154	14.4	0.8	19	1	US-09-912-680-1	Sequence 1, Appl	527	14.2	0.8	20	1	US-10-188-779A-106	Sequence 583, Ap
155	14.2	0.8	19	1	US-09-908-594-51	Sequence 51, Appl	528	14.2	0.8	20	1	US-10-349-143-6583	Sequence 5779, Ap
156	14.2	0.8	19	1	US-09-844-653-113	Sequence 113, App	529	14.2	0.8	20	1	US-10-289-762-5779	Sequence 39, Appl
157	14.2	0.8	19	1	US-10-046-671B-11	Sequence 11, Appl	530	14.2	0.8	20	1	US-10-211-908-39	Sequence 54, Appl
158	14.2	0.8	19	1	US-10-109-799-1	Sequence 1, Appl	531	14.2	0.8	20	1	US-10-210-838-54	Sequence 86, Appl
159	14.2	0.8	19	1	US-10-313-211-12	Sequence 12, Appl	532	14.2	0.8	20	1	US-10-210-838-158	Sequence 12, Appl
160	14.2	0.8	19	1	US-10-188-779A-13	Sequence 13, Appl	533	14.2	0.8	20	1	US-10-628-841-86	Sequence 2, Appl
161	14.2	0.8	19	1	US-10-380-236A-20	Sequence 20, Appl	534	14.2	0.8	20	1	US-10-141-021-12	Sequence 3, Appl
162	14.2	0.8	19	1	US-10-665-951-188	Sequence 188, App	535	14.2	0.8	20	1	US-10-623-880-2	Sequence 3, Appl
163	14.2	0.8	19	1	US-10-665-951-615	Sequence 615, App	536	14.2	0.8	20	1	US-10-623-880-3	Sequence 121, App
164	14.2	0.8	19	1	US-10-665-951-1680	Sequence 1680, Ap	537	14.2	0.8	20	1	US-10-345-444B-121	Sequence 29, Appl
165	14.2	0.8	19	1	US-10-665-951-1927	Sequence 1927, Ap	538	14.2	0.8	20	1	US-10-398-308-29	Sequence 1149, Ap
166	14.2	0.8	19	1	US-10-683-990-23	Sequence 23, App	539	14.2	0.8	20	1	US-10-072-012-1149	Sequence 44, Appl
167	14.2	0.8	19	1	US-10-683-990-120	Sequence 120, App	540	14.2	0.8	20	1	US-10-312-184A-44	Sequence 24, Appl
168	14.2	0.8	19	1	US-09-923-517-99	Sequence 99, Appl	541	14.2	0.8	20	1	US-10-673-063-24	Sequence 7, Appl
169	14.2	0.8	20	1	US-09-733-294A-89	Sequence 89, Appl	542	14.2	0.8	20	1	US-10-610-561-7	Sequence 50, Appl
170	14.2	0.8	20	1	US-09-961-663-2	Sequence 2, Appl	543	14.2	0.8	20	1	US-10-380-125-50	
171	14.2	0.8	20	1	US-09-961-663-3	Sequence 3, Appl	544	14.2	0.8	20	1		

C 545	14.2	0.8	20	1	US-10-630-401-90	Sequence 90, Appl	C 618	14	17	1	US-10-238-700-3612	Sequence 3612, Ap
C 546	14.2	0.8	20	1	US-10-655-847-124	Sequence 124, App	619	14	17	1	US-10-675-685-541	Sequence 541, App
C 547	14.2	0.8	20	1	US-10-655-847-262	Sequence 262, App	620	14	17	1	US-10-675-685-542	Sequence 542, App
C 548	14.2	0.8	20	1	US-10-009-980B-2	Sequence 2, Appli	621	14	17	1	US-10-138-674-1954	Sequence 1954, Ap
C 549	14.2	0.8	20	1	US-10-009-980B-4	Sequence 4, Appli	622	14	17	1	US-10-138-674-3450	Sequence 3450, Ap
C 550	14.2	0.8	20	1	US-10-292-849-36	Sequence 36, Appl	623	14	17	1	US-10-138-674-3462	Sequence 3462, Ap
C 551	14.2	0.8	20	1	US-10-292-849-103	Sequence 103, App	624	14	17	1	US-10-138-674-3463	Sequence 3463, Ap
C 552	14.2	0.8	20	1	US-10-688-706-149	Sequence 149, App	625	14	17	1	US-10-138-674-6817	Sequence 6817, Ap
C 553	14.2	0.8	20	1	US-10-688-706-343	Sequence 343, Appl	626	14	17	1	US-10-138-674-8934	Sequence 8934, Ap
C 554	14.2	0.8	20	1	US-10-688-706-343	Sequence 343, Appl	627	14	17	1	US-10-138-674-8934	Sequence 8934, Ap
C 555	14.2	0.8	20	1	US-10-317-279-16	Sequence 16, Appl	628	14	17	1	US-10-138-674-8934	Sequence 8934, Ap
C 556	14.2	0.8	20	1	US-10-671-395-655	Sequence 655, App	629	14	17	1	US-10-138-674-8934	Sequence 8934, Ap
C 557	14.2	0.8	20	1	US-10-671-395-945	Sequence 945, App	630	14	17	1	US-10-287-949A-1954	Sequence 1954, Ap
C 558	14.2	0.8	20	1	US-10-671-395-945	Sequence 945, App	631	14	17	1	US-10-287-949A-3450	Sequence 3450, Ap
C 559	14.2	0.8	20	1	US-10-671-395-1193	Sequence 49, Appl	632	14	17	1	US-10-287-949A-3462	Sequence 3462, Ap
C 560	14.2	0.8	20	1	US-10-476-962-147	Sequence 147, App	633	14	17	1	US-10-287-949A-3463	Sequence 3463, Ap
C 561	14.2	0.8	20	1	US-10-835-208-73	Sequence 73, Appl	634	14	17	1	US-10-287-949A-6817	Sequence 6817, Ap
C 562	14.2	0.8	20	1	US-09-765-081-398	Sequence 398, App	635	14	17	1	US-10-287-949A-6818	Sequence 6818, Ap
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C 564	14.2	0.8	20	1	US-09-911-176B-41	Sequence 41, Appl	637	14	17	1	US-10-287-949A-9032	Sequence 9032, Ap
C 565	14.2	0.8	20	1	US-10-180-762-41	Sequence 41, Appl	638	14	17	1	US-10-287-949A-9032	Sequence 9032, Ap
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C 567	14.2	0.8	20	1	US-10-194-370-56	Sequence 56, Appl	640	14	17	1	US-10-388-263-206	Sequence 206, App
C 568	14.2	0.8	20	1	US-10-206-839-108	Sequence 108, App	641	14	17	1	US-10-388-263-206	Sequence 206, App
C 569	14.2	0.8	20	1	US-10-033-024A-47	Sequence 47, Appl	642	14	17	1	US-10-388-263-206	Sequence 206, App
C 570	14.2	0.8	20	1	US-10-005-956-343	Sequence 343, App	643	14	17	1	US-10-388-263-206	Sequence 206, App
C 571	14.2	0.8	20	1	US-10-005-956-440	Sequence 440, App	644	14	17	1	US-10-388-263-206	Sequence 206, App
C 572	14.2	0.8	20	1	US-10-005-956-985	Sequence 985, App	645	14	17	1	US-10-388-263-206	Sequence 206, App
C 573	14.2	0.8	20	1	US-10-261-845-5	Sequence 5, Appli	646	14	17	1	US-10-388-263-206	Sequence 206, App
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C 575	14.2	0.8	20	1	US-10-340-097-72	Sequence 72, Appl	648	14	17	1	US-10-388-263-206	Sequence 206, App
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C 578	14.2	0.8	20	1	US-10-336-215-72	Sequence 72, Appl	651	14	17	1	US-10-388-263-206	Sequence 206, App
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1104	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1105	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1106	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1107	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1108	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1109	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1110	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1111	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1112	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1113	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1114	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1115	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1116	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1117	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	Sequence 4075, App
1118	13.6	0.8	20	1	US-09-866-108-8898	Sequence 8898, App	

c1129	13.4	0.8	17	1	US-10-238-700-3439	Sequence 3439, Ap	c1202	13.4	0.8	20	1	US-10-168-844-24	Sequence 24, Appl
c1130	13.4	0.8	17	1	US-10-061-201-977	Sequence 977, App	c1203	13.4	0.8	20	1	US-10-163-272-19	Sequence 19, Appl
c1131	13.4	0.8	17	1	US-10-061-201-978	Sequence 978, App	c1204	13.4	0.8	20	1	US-10-163-272-92	Sequence 96, Appl
c1132	13.4	0.8	17	1	US-10-061-201-979	Sequence 979, App	c1205	13.4	0.8	20	1	US-10-173-718-56	Sequence 52, Appl
c1133	13.4	0.8	17	1	US-10-061-201-1804	Sequence 1804, Ap	c1206	13.4	0.8	20	1	US-10-173-718-106	Sequence 106, App
c1134	13.4	0.8	17	1	US-10-061-201-1805	Sequence 1805, Ap	c1207	13.4	0.8	20	1	US-10-177-554-48	Sequence 48, Appl
c1135	13.4	0.8	17	1	US-10-061-201-1806	Sequence 1806, Ap	c1208	13.4	0.8	20	1	US-10-177-554-184	Sequence 184, App
c1136	13.4	0.8	17	1	US-10-342-902-791	Sequence 791, App	c1209	13.4	0.8	20	1	US-10-177-554-484	Sequence 7238, App
c1137	13.4	0.8	17	1	US-10-342-902-792	Sequence 792, App	c1210	13.4	0.8	20	1	US-10-177-554-184	Sequence 2555, Ap
c1138	13.4	0.8	17	1	US-10-342-902-1863	Sequence 1863, Ap	c1211	13.4	0.8	20	1	US-10-289-762-2555	Sequence 2238, App
c1139	13.4	0.8	17	1	US-10-342-902-2272	Sequence 2272, Ap	c1212	13.4	0.8	20	1	US-10-289-762-5490	Sequence 5490, Ap
c1140	13.4	0.8	17	1	US-10-342-902-2273	Sequence 2273, Ap	c1213	13.4	0.8	20	1	US-10-298-215-2	Sequence 2, Appl
c1141	13.4	0.8	17	1	US-10-342-902-2274	Sequence 2274, Ap	c1214	13.4	0.8	20	1	US-10-380-355-18	Sequence 18, Appl
c1142	13.4	0.8	17	1	US-10-675-685-546	Sequence 546, App	c1215	13.4	0.8	20	1	US-10-210-556-86	Sequence 86, Appl
c1143	13.4	0.8	17	1	US-10-138-674-474	Sequence 474, App	c1216	13.4	0.8	20	1	US-10-642-802-162	Sequence 162, App
c1144	13.4	0.8	17	1	US-10-138-674-1988	Sequence 1988, Ap	c1217	13.4	0.8	20	1	US-10-169-045-9	Sequence 9, Appl
c1145	13.4	0.8	17	1	US-10-138-674-4764	Sequence 4764, Ap	c1218	13.4	0.8	20	1	US-10-298-354-18	Sequence 18, Appl
c1146	13.4	0.8	17	1	US-10-138-674-8569	Sequence 8569, Ap	c1219	13.4	0.8	20	1	US-10-304-111-24	Sequence 24, Appl
c1147	13.4	0.8	17	1	US-10-138-674-9266	Sequence 9266, Ap	c1220	13.4	0.8	20	1	US-10-688-706-326	Sequence 326, App
c1148	13.4	0.8	17	1	US-10-287-949A-474	Sequence 474, App	c1221	13.4	0.8	20	1	US-10-316-755-99	Sequence 99, Appl
c1149	13.4	0.8	17	1	US-10-287-949A-1988	Sequence 1988, Ap	c1222	13.4	0.8	20	1	US-10-316-755-230	Sequence 230, App
c1150	13.4	0.8	17	1	US-10-287-949A-4764	Sequence 4764, Ap	c1223	13.4	0.8	20	1	US-10-316-389-45	Sequence 45, Appl
c1151	13.4	0.8	17	1	US-10-287-949A-8569	Sequence 8569, Ap	c1224	13.4	0.8	20	1	US-10-415-463-26	Sequence 26, Appl
c1152	13.4	0.8	17	1	US-10-287-949A-9266	Sequence 9266, Ap	c1225	13.4	0.8	20	1	US-10-168-846-46	Sequence 46, Appl
c1153	13.4	0.8	17	1	US-10-669-841-791	Sequence 791, App	c1226	13.4	0.8	20	1	US-10-168-846-53	Sequence 53, Appl
c1154	13.4	0.8	17	1	US-10-669-841-1845	Sequence 1845, Ap	c1227	13.4	0.8	20	1	US-10-319-908-69	Sequence 69, Appl
c1155	13.4	0.8	17	1	US-10-669-841-2075	Sequence 2075, Ap	c1228	13.4	0.8	20	1	US-10-321-732-9	Sequence 9, Appl
c1156	13.4	0.8	17	1	US-10-669-841-2076	Sequence 2076, Ap	c1229	13.4	0.8	20	1	US-10-671-395-536	Sequence 536, App
c1157	13.4	0.8	17	1	US-10-669-841-2077	Sequence 2077, Ap	c1230	13.4	0.8	20	1	US-10-181-174B-64	Sequence 64, App
c1158	13.4	0.8	17	1	US-10-669-841-3244	Sequence 3244, Ap	c1231	13.4	0.8	20	1	US-10-663-452-19	Sequence 19, Appl
c1159	13.4	0.8	17	1	US-10-669-841-6496	Sequence 6496, Ap	c1232	13.4	0.8	20	1	US-10-663-452-96	Sequence 96, Appl
c1160	13.4	0.8	17	1	US-10-669-841-6497	Sequence 6497, Ap	c1233	13.4	0.8	20	1	US-10-619-739-642	Sequence 642, App
c1161	13.4	0.8	17	1	US-10-723-361-66	Sequence 66, Appl	c1234	13.4	0.8	20	1	US-10-619-739-1311	Sequence 1311, Ap
c1162	13.4	0.8	17	1	US-10-723-361-67	Sequence 67, Appl	c1235	13.4	0.8	20	1	US-10-835-208-74	Sequence 74, Appl
c1163	13.4	0.8	17	1	US-10-723-361-68	Sequence 68, Appl	c1236	13.4	0.8	20	1	US-09-935-785-1	Sequence 1, Appl
c1164	13.4	0.8	17	1	US-10-723-361-8896	Sequence 8896, Ap	c1237	13.2	0.8	18	1	US-09-969-373-1757	Sequence 1757, Ap
c1165	13.4	0.8	17	1	US-10-723-361-8897	Sequence 8897, Ap	c1238	13.2	0.8	18	1	US-09-969-373-2009	Sequence 2009, Ap
c1166	13.4	0.8	17	1	US-10-723-361-8898	Sequence 8898, Ap	c1239	13.2	0.8	18	1	US-09-969-373-1757	Sequence 56, Appl
c1167	13.4	0.8	18	1	US-09-194-842A-11	Sequence 11, Appl	c1240	13.2	0.8	18	1	US-09-250-611-56	Sequence 56, Appl
c1168	13.4	0.8	18	1	US-09-969-373-1566	Sequence 1566, Ap	c1241	13.2	0.8	18	1	US-09-771-730-129	Sequence 129, App
c1169	13.4	0.8	19	1	US-09-818-875-4375	Sequence 4375, Ap	c1242	13.2	0.8	18	1	US-09-927-737-78	Sequence 78, Appl
c1170	13.4	0.8	19	1	US-10-166-218-4	Sequence 4, Appl	c1243	13.2	0.8	18	1	US-10-143-266-4	Sequence 4, Appl
c1171	13.4	0.8	19	1	US-10-251-117-134	Sequence 134, App	c1244	13.2	0.8	18	1	US-10-298-816-16	Sequence 16, Appl
c1172	13.4	0.8	19	1	US-10-251-117-383	Sequence 383, App	c1245	13.2	0.8	18	1	US-10-269-790-9	Sequence 9, Appl
c1173	13.4	0.8	19	1	US-10-251-117-795	Sequence 795, App	c1246	13.2	0.8	18	1	US-10-269-790-16	Sequence 16, Appl
c1174	13.4	0.8	19	1	US-10-251-117-1102	Sequence 1102, Ap	c1247	13.2	0.8	18	1	US-10-269-790-26	Sequence 26, Appl
c1175	13.4	0.8	19	1	US-10-128-456-30	Sequence 30, Appl	c1248	13.2	0.8	18	1	US-10-269-790-36	Sequence 36, Appl
c1176	13.4	0.8	19	1	US-10-209-787-4375	Sequence 4375, Ap	c1249	13.2	0.8	18	1	US-10-108-732-44	Sequence 44, Appl
c1177	13.4	0.8	19	1	US-10-307-005-2707	Sequence 2707, Ap	c1250	13.2	0.8	18	1	US-10-314-657-174	Sequence 174, App
c1178	13.4	0.8	19	1	US-10-261-185-4375	Sequence 4375, Ap	c1251	13.2	0.8	18	1	US-10-422-934-75	Sequence 75, Appl
c1179	13.4	0.8	19	1	US-10-016-248-137	Sequence 137, App	c1252	13.2	0.8	18	1	US-10-339-674-176	Sequence 176, App
c1180	13.4	0.8	19	1	US-10-444-795B-355	Sequence 355, App	c1253	13.2	0.8	18	1	US-10-339-674-2396	Sequence 2396, Ap
c1181	13.4	0.8	19	1	US-10-469-552-10	Sequence 10, Appl	c1254	13.2	0.8	18	1	US-10-211-689-99	Sequence 99, Appl
c1182	13.4	0.8	20	1	US-10-017-621-81	Sequence 81, Appl	c1255	13.2	0.8	18	1	US-10-108-260A-4931	Sequence 4931, Ap
c1183	13.4	0.8	20	1	US-10-159-856-69	Sequence 69, Appl	c1256	13.2	0.8	18	1	US-10-108-260A-5416	Sequence 5416, Ap
c1184	13.4	0.8	20	1	US-10-159-856-123	Sequence 123, App	c1257	13.2	0.8	18	1	US-10-349-143-7245	Sequence 7245, Ap
c1185	13.4	0.8	20	1	US-09-754-167-52	Sequence 52, Appl	c1258	13.2	0.8	18	1	US-10-349-143-11482	Sequence 11482, A
c1186	13.4	0.8	20	1	US-09-791-942-26	Sequence 26, Appl	c1259	13.2	0.8	18	1	US-10-138-674-1470	Sequence 1470, Ap
c1187	13.4	0.8	20	1	US-09-817-487A-3	Sequence 3, Appl	c1260	13.2	0.8	18	1	US-10-287-949A-1470	Sequence 1470, Ap
c1188	13.4	0.8	20	1	US-09-863-049A-20	Sequence 20, Appl	c1261	13.2	0.8	18	1	US-10-606-133-215	Sequence 215, App
c1189	13.4	0.8	20	1	US-09-802-110B-83	Sequence 83, Appl	c1262	13.2	0.8	18	1	US-10-731-739-299	Sequence 299, App
c1190	13.4	0.8	20	1	US-09-919-197-74	Sequence 74, Appl	c1263	13.2	0.8	18	1	US-09-947-770-26	Sequence 26, Appl
c1191	13.4	0.8	20	1	US-09-745-167A-52	Sequence 52, Appl	c1264	13.2	0.8	18	1	US-09-853-688-38	Sequence 38, Appl
c1192	13.4	0.8	20	1	US-10-010-920-93	Sequence 93, Appl	c1265	13.2	0.8	18	1	US-09-969-373-1691	Sequence 1691, Ap
c1193	13.4	0.8	20	1	US-10-187-586-5	Sequence 5, Appl	c1266	13.2	0.8	18	1	US-09-969-373-3385	Sequence 3385, Ap
c1194	13.4	0.8	20	1	US-10-008-721-93	Sequence 93, Appl	c1267	13.2	0.8	18	1	US-09-957-189-6	Sequence 6, Appl
c1195	13.4	0.8	20	1	US-10-271-887-106	Sequence 106, App	c1268	13.2	0.8	19	1	US-09-952-267-21	Sequence 21, Appl
c1196	13.4	0.8	20	1	US-10-001-076-162	Sequence 162, App	c1269	13.2	0.8	19	1		
c1197	13.4	0.8	20	1	US-10-001-844-37	Sequence 37, Appl	c1270	13.2	0.8	19	1		
c1198	13.4	0.8	20	1	US-10-151-481A-5	Sequence 5, Appl	c1271	13.2	0.8	19	1		
c1199	13.4	0.8	20	1	US-10-138-604-9	Sequence 9, Appl	c1272	13.2	0.8	19	1		
c1200	13.4	0.8	20	1	US-10-238-442-65	Sequence 65, Appl	c1273	13.2	0.8	19	1		
c1201	13.4	0.8	20	1	US-10-032-585-5632	Sequence 5632, Ap	c1274	13.2	0.8	19	1		

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275	13.2	0.8	19	1	US-09-952-522B-26	Sequence 26, Appl	cl348	13.2	0.8	20	1	US-09-952-522B-24	Sequence 24, Appl
276	13.2	0.8	19	1	US-09-953-562-3	Sequence 3, Appl	1349	13.2	0.8	20	1	US-09-917-963-36	Sequence 36, Appl
277	13.2	0.8	19	1	US-09-864-426A-889	Sequence 889, App	1350	13.2	0.8	20	1	US-09-953-047-57	Sequence 57, Appl
278	13.2	0.8	19	1	US-09-864-426A-889	Sequence 889, App	1351	13.2	0.8	20	1	US-09-967-655-18	Sequence 18, Appl
279	13.2	0.8	19	1	US-10-005-338B-162	Sequence 162, App	1352	13.2	0.8	20	1	US-09-998-027-164	Sequence 164, App
280	13.2	0.8	19	1	US-10-226-992-46	Sequence 46, Appl	cl353	13.2	0.8	20	1	US-09-918-026A-18	Sequence 18, Appl
281	13.2	0.8	19	1	US-10-226-992-129	Sequence 129, App	cl354	13.2	0.8	20	1	US-09-864-636A-2495	Sequence 2495, Ap
282	13.2	0.8	19	1	US-10-218-969-29	Sequence 29, Appl	1355	13.2	0.8	20	1	US-09-972-607-59	Sequence 59, Appl
283	13.2	0.8	19	1	US-10-251-117-63	Sequence 63, Appl	cl356	13.2	0.8	20	1	US-09-993-731-30	Sequence 30, Appl
284	13.2	0.8	19	1	US-10-251-117-312	Sequence 312, App	cl357	13.2	0.8	20	1	US-09-961-001-63	Sequence 63, Appl
285	13.2	0.8	19	1	US-10-251-117-642	Sequence 642, App	cl358	13.2	0.8	20	1	US-09-908-147-168	Sequence 168, App
286	13.2	0.8	19	1	US-10-261-117-949	Sequence 949, App	1359	13.2	0.8	20	1	US-09-851-871-26	Sequence 26, Appl
287	13.2	0.8	19	1	US-10-084-839-889	Sequence 889, App	cl360	13.2	0.8	20	1	US-09-864-426A-2495	Sequence 2495, Ap
288	13.2	0.8	19	1	US-10-244-647-569	Sequence 569, App	cl361	13.2	0.8	20	1	US-09-984-637-1	Sequence 1, Appl
289	13.2	0.8	19	1	US-10-244-647-1027	Sequence 1027, Ap	cl362	13.2	0.8	20	1	US-10-025-167-29	Sequence 29, Appl
290	13.2	0.8	19	1	US-10-244-647-1215	Sequence 1215, Ap	cl363	13.2	0.8	20	1	US-10-011-119A-7	Sequence 7, Appl
291	13.2	0.8	19	1	US-10-446-520-13	Sequence 13, Appl	1364	13.2	0.8	20	1	US-10-044-671-10	Sequence 10, Appl
292	13.2	0.8	19	1	US-10-349-143-9032	Sequence 9032, A	1365	13.2	0.8	20	1	US-10-060-301-19	Sequence 19, Appl
293	13.2	0.8	19	1	US-10-349-143-11036	Sequence 11036, A	1366	13.2	0.8	20	1	US-10-115-563-4	Sequence 4, Appl
294	13.2	0.8	19	1	US-10-444-925-126	Sequence 126, App	1367	13.2	0.8	20	1	US-10-094-458A-33	Sequence 33, Appl
295	13.2	0.8	19	1	US-10-444-925-127	Sequence 127, App	cl368	13.2	0.8	20	1	US-10-143-266-8	Sequence 8, Appl
296	13.2	0.8	19	1	US-10-206-705-87	Sequence 87, Appl	1370	13.2	0.8	20	1	US-10-190-012-18	Sequence 18, Appl
297	13.2	0.8	19	1	US-10-206-705-272	Sequence 272, App	cl371	13.2	0.8	20	1	US-10-006-430-27	Sequence 27, Appl
298	13.2	0.8	19	1	US-10-148-641A-26	Sequence 26, Appl	1372	13.2	0.8	20	1	US-10-232-561-4	Sequence 4, Appl
299	13.2	0.8	19	1	US-10-653-416-12	Sequence 12, Appl	cl373	13.2	0.8	20	1	US-10-006-366-38	Sequence 38, Appl
300	13.2	0.8	19	1	US-10-606-133-260	Sequence 260, App	cl374	13.2	0.8	20	1	US-10-007-010-86	Sequence 86, Appl
301	13.2	0.8	19	1	US-10-788-318-38	Sequence 38, Appl	cl375	13.2	0.8	20	1	US-10-290-473-34	Sequence 34, Appl
302	13.2	0.8	19	1	US-10-685-951-1028	Sequence 1028, Ap	cl376	13.2	0.8	20	1	US-10-348-485-44	Sequence 44, Appl
303	13.2	0.8	19	1	US-10-685-951-1095	Sequence 1095, Ap	1377	13.2	0.8	20	1	US-10-320-095-5	Sequence 5, Appl
304	13.2	0.8	19	1	US-10-685-951-1352	Sequence 1352, Ap	1378	13.2	0.8	20	1	US-10-376-566-32	Sequence 32, Appl
305	13.2	0.8	19	1	US-10-665-951-1419	Sequence 1419, Ap	cl379	13.2	0.8	20	1	US-10-255-478-39	Sequence 39, Appl
306	13.2	0.8	19	1	US-10-665-951-1577	Sequence 1577, Ap	1380	13.2	0.8	20	1	US-10-178-738-4	Sequence 4, Appl
307	13.2	0.8	19	1	US-10-665-951-1584	Sequence 1584, Ap	cl381	13.2	0.8	20	1	US-10-314-810-48	Sequence 48, Appl
308	13.2	0.8	19	1	US-10-665-951-1686	Sequence 1686, Ap	1382	13.2	0.8	20	1	US-10-417-719-15	Sequence 15, Appl
309	13.2	0.8	19	1	US-10-665-951-1729	Sequence 1729, Ap	cl383	13.2	0.8	20	1	US-10-032-585-4081	Sequence 4081, Ap
310	13.2	0.8	19	1	US-10-665-951-1824	Sequence 1824, Ap	1384	13.2	0.8	20	1	Sequence 4186, Ap	
311	13.2	0.8	19	1	US-10-665-951-1831	Sequence 1831, Ap	1385	13.2	0.8	20	1	Sequence 4350, Ap	
312	13.2	0.8	19	1	US-10-665-951-1933	Sequence 1933, Ap	cl386	13.2	0.8	20	1	Sequence 2495, Ap	
313	13.2	0.8	19	1	US-10-715-117-13	Sequence 13, Appl	1387	13.2	0.8	20	1	Sequence 89, Appl	
314	13.2	0.8	19	1	US-10-715-117-14	Sequence 14, Appl	cl388	13.2	0.8	20	1	Sequence 164, App	
315	13.2	0.8	19	1	US-08-911-824-100	Sequence 100, App	1390	13.2	0.8	20	1	Sequence 164, App	
316	13.2	0.8	19	1	US-08-911-824-100	Sequence 100, App	cl391	13.2	0.8	20	1	Sequence 48, Appl	
317	13.2	0.8	19	1	US-09-870-725-12	Sequence 12, Appl	1392	13.2	0.8	20	1	Sequence 17, Appl	
318	13.2	0.8	20	1	US-09-854-883-363	Sequence 363, App	cl393	13.2	0.8	20	1	Sequence 48, Appl	
319	13.2	0.8	20	1	US-09-841-366A-17	Sequence 17, Appl	1394	13.2	0.8	20	1	Sequence 6, Appl	
320	13.2	0.8	20	1	US-09-841-366A-48	Sequence 48, Appl	cl395	13.2	0.8	20	1	Sequence 18, Appl	
321	13.2	0.8	20	1	US-09-820-339A-18	Sequence 18, Appl	1396	13.2	0.8	20	1	Sequence 37, Appl	
322	13.2	0.8	20	1	US-09-895-585-8	Sequence 8, Appl	cl397	13.2	0.8	20	1	Sequence 17, Appl	
323	13.2	0.8	20	1	US-09-850-351A-70	Sequence 70, Appl	cl398	13.2	0.8	20	1	Sequence 48, Appl	
324	13.2	0.8	20	1	US-09-850-351A-116	Sequence 116, App	1399	13.2	0.8	20	1	Sequence 15, Appl	
325	13.2	0.8	20	1	US-09-866-866A-16	Sequence 16, Appl	cl400	13.2	0.8	20	1	Sequence 4081, Ap	
326	13.2	0.8	20	1	US-09-731-457B-27	Sequence 27, Appl	1401	13.2	0.8	20	1	Sequence 4186, Ap	
327	13.2	0.8	20	1	US-09-895-040A-5	Sequence 5, Appl	1402	13.2	0.8	20	1	Sequence 4350, Ap	
328	13.2	0.8	20	1	US-09-815-153-21	Sequence 21, Appl	cl403	13.2	0.8	20	1	Sequence 2495, Ap	
329	13.2	0.8	20	1	US-09-969-373-3055	Sequence 3055, Ap	1404	13.2	0.8	20	1	Sequence 89, Appl	
330	13.2	0.8	20	1	US-09-969-373-3055	Sequence 3055, Ap	cl405	13.2	0.8	20	1	Sequence 164, App	
331	13.2	0.8	20	1	US-09-832-659-15	Sequence 15, Appl	1406	13.2	0.8	20	1	Sequence 164, App	
332	13.2	0.8	20	1	US-09-832-659-35	Sequence 35, Appl	cl407	13.2	0.8	20	1	Sequence 48, Appl	
333	13.2	0.8	20	1	US-09-863-806-14	Sequence 14, Appl	1408	13.2	0.8	20	1	Sequence 52, Appl	
334	13.2	0.8	20	1	US-09-863-806-46	Sequence 46, Appl	cl410	13.2	0.8	20	1	Sequence 18, Appl	
335	13.2	0.8	20	1	US-09-824-322B-304	Sequence 304, App	1411	13.2	0.8	20	1	Sequence 25, Appl	
336	13.2	0.8	20	1	US-09-931-375A-27	Sequence 27, Appl	cl412	13.2	0.8	20	1	Sequence 81, Appl	
337	13.2	0.8	20	1	US-09-932-367A-105	Sequence 105, App	1413	13.2	0.8	20	1	Sequence 133, App	
338	13.2	0.8	20	1	US-09-944-161-8	Sequence 8, Appl	1414	13.2	0.8	20	1	Sequence 18, Appl	
339	13.2	0.8	20	1	US-09-948-909-14	Sequence 14, Appl	cl415	13.2	0.8	20	1	Sequence 177, App	
340	13.2	0.8	20	1	US-09-948-909-46	Sequence 46, Appl	1416	13.2	0.8	20	1	Sequence 29, Appl	
341	13.2	0.8	20	1	US-09-906-158-85	Sequence 85, Appl	cl417	13.2	0.8	20	1	Sequence 34, Appl	
342	13.2	0.8	20	1			1418	13.2	0.8	20	1	Sequence 15, Appl	
343	13.2	0.8	20	1			cl419	13.2	0.8	20	1	Sequence 363, App	
344	13.2	0.8	20	1			1420	13.2	0.8	20	1	Sequence 16, Appl	
345	13.2	0.8	20	1								Sequence 93, Appl	

c1421	13.2	0.8	20	1	US-10-388-360-272	Sequence 272, App	c1494	13.2	0.8	20	1	US-10-304-107-135	Sequence 135, App
c1422	13.2	0.8	20	1	US-10-388-263-534	Sequence 534, App	c1495	13.2	0.8	20	1	US-10-303-325-29	Sequence 29, Appl
c1423	13.2	0.8	20	1	US-10-174-771-73	Sequence 73, Appl	c1496	13.2	0.8	20	1	US-10-303-325-106	Sequence 106, App
c1424	13.2	0.8	20	1	US-10-174-771-142	Sequence 142, App	c1497	13.2	0.8	20	1	US-10-303-420-94	Sequence 94, Appl
c1425	13.2	0.8	20	1	US-10-174-128-40	Sequence 40, Appl	c1498	13.2	0.8	20	1	US-10-688-706-63	Sequence 63, Appl
c1426	13.2	0.8	20	1	US-10-174-128-72	Sequence 72, Appl	c1499	13.2	0.8	20	1	US-10-688-706-186	Sequence 186, App
c1427	13.2	0.8	20	1	US-10-175-460-21	Sequence 21, Appl	c1500	13.2	0.8	20	1	US-10-688-706-299	Sequence 299, App
c1428	13.2	0.8	20	1	US-10-175-492-73	Sequence 73, Appl	c1501	13.2	0.8	20	1	US-10-688-706-371	Sequence 371, App
c1429	13.2	0.8	20	1	US-10-175-492-149	Sequence 149, App	c1502	13.2	0.8	20	1	US-10-688-706-912	Sequence 912, App
c1430	13.2	0.8	20	1	US-10-174-020-38	Sequence 38, Appl	c1503	13.2	0.8	20	1	US-10-688-706-1036	Sequence 1036, Ap
c1431	13.2	0.8	20	1	US-10-174-020-38	Sequence 25, Appl	c1504	13.2	0.8	20	1	US-10-688-706-1070	Sequence 1070, Ap
c1432	13.2	0.8	20	1	US-10-448-914A-25	Sequence 81, Appl	c1505	13.2	0.8	20	1	US-10-688-706-1082	Sequence 1082, Ap
c1433	13.2	0.8	20	1	US-10-448-914A-81	Sequence 20, Appl	c1506	13.2	0.8	20	1	US-10-688-706-1793	Sequence 1793, Ap
c1434	13.2	0.8	20	1	US-10-452-002A-27	Sequence 27, Appl	c1507	13.2	0.8	20	1	US-10-688-706-1867	Sequence 1867, Ap
c1435	13.2	0.8	20	1	US-10-186-157-57	Sequence 57, Appl	c1508	13.2	0.8	20	1	US-10-688-706-2156	Sequence 2156, Ap
c1436	13.2	0.8	20	1	US-10-174-014-28	Sequence 29, Appl	c1509	13.2	0.8	20	1	US-10-688-706-2548	Sequence 2548, Ap
c1437	13.2	0.8	20	1	US-10-188-646-28	Sequence 28, Appl	c1510	13.2	0.8	20	1	US-10-688-706-3054	Sequence 3054, Ap
c1438	13.2	0.8	20	1	US-10-188-646-32	Sequence 32, Appl	c1511	13.2	0.8	20	1	US-10-688-706-3055	Sequence 3055, Ap
c1439	13.2	0.8	20	1	US-10-188-646-103	Sequence 103, App	c1512	13.2	0.8	20	1	US-10-303-635-190	Sequence 70, Appl
c1440	13.2	0.8	20	1	US-10-188-646-107	Sequence 107, App	c1513	13.2	0.8	20	1	US-10-303-635-70	Sequence 130, App
c1441	13.2	0.8	20	1	US-10-188-779A-132	Sequence 132, App	c1514	13.2	0.8	20	1	US-10-315-962-67	Sequence 67, Appl
c1442	13.2	0.8	20	1	US-10-349-143-5836	Sequence 5836, Ap	c1515	13.2	0.8	20	1	US-10-315-962-74	Sequence 74, Appl
c1443	13.2	0.8	20	1	US-10-349-143-8572	Sequence 8572, Ap	c1516	13.2	0.8	20	1	US-10-315-962-101	Sequence 101, App
c1444	13.2	0.8	20	1	US-10-402-089-14	Sequence 14, Appl	c1517	13.2	0.8	20	1	US-10-315-962-105	Sequence 105, App
c1445	13.2	0.8	20	1	US-10-177-896-45	Sequence 45, Appl	c1518	13.2	0.8	20	1	US-10-315-962-130	Sequence 130, App
c1446	13.2	0.8	20	1	US-10-189-266-51	Sequence 51, Appl	c1519	13.2	0.8	20	1	US-10-315-962-102	Sequence 102, App
c1447	13.2	0.8	20	1	US-10-289-762-3591	Sequence 3591, Ap	c1520	13.2	0.8	20	1	US-10-316-244-41	Sequence 41, Appl
c1448	13.2	0.8	20	1	US-10-289-762-3605	Sequence 3605, Ap	c1521	13.2	0.8	20	1	US-10-316-244-143	Sequence 143, App
c1449	13.2	0.8	20	1	US-10-289-762-4303	Sequence 4303, Ap	c1522	13.2	0.8	20	1	US-10-316-755-23	Sequence 23, Appl
c1450	13.2	0.8	20	1	US-10-289-762-4426	Sequence 4426, Ap	c1523	13.2	0.8	20	1	US-10-317-249-27	Sequence 27, Appl
c1451	13.2	0.8	20	1	US-10-289-762-4463	Sequence 4963, Ap	c1524	13.2	0.8	20	1	US-10-317-249-105	Sequence 105, App
c1452	13.2	0.8	20	1	US-10-289-762-4781	Sequence 81, Appl	c1525	13.2	0.8	20	1	US-10-317-270-130	Sequence 130, App
c1453	13.2	0.8	20	1	US-10-402-072A-14	Sequence 14, Appl	c1526	13.2	0.8	20	1	US-10-467-008-101	Sequence 101, App
c1454	13.2	0.8	20	1	US-10-210-556-111	Sequence 111, App	c1527	13.2	0.8	20	1	US-10-671-395-39	Sequence 7, Appl
c1455	13.2	0.8	20	1	US-10-210-556-111	Sequence 111, App	c1528	13.2	0.8	20	1	US-10-671-395-96	Sequence 39, Appl
c1456	13.2	0.8	20	1	US-10-210-556-115	Sequence 115, App	c1529	13.2	0.8	20	1	US-10-671-395-97	Sequence 96, Appl
c1457	13.2	0.8	20	1	US-10-210-556-205	Sequence 205, App	c1530	13.2	0.8	20	1	US-10-671-395-302	Sequence 97, Appl
c1458	13.2	0.8	20	1	US-10-210-556-205	Sequence 205, App	c1531	13.2	0.8	20	1	US-10-671-395-327	Sequence 327, App
c1459	13.2	0.8	20	1	US-10-210-838-108	Sequence 108, App	c1532	13.2	0.8	20	1	US-10-671-395-355	Sequence 355, App
c1460	13.2	0.8	20	1	US-10-210-838-189	Sequence 189, App	c1533	13.2	0.8	20	1	US-10-671-395-743	Sequence 743, App
c1461	13.2	0.8	20	1	US-10-211-179-57	Sequence 57, Appl	c1534	13.2	0.8	20	1	US-10-671-395-1349	Sequence 1349, Ap
c1462	13.2	0.8	20	1	US-10-444-206-26	Sequence 26, Appl	c1535	13.2	0.8	20	1	US-10-470-673-49	Sequence 1375, Ap
c1463	13.2	0.8	20	1	US-10-628-841-59	Sequence 59, Appl	c1536	13.2	0.8	20	1	Sequence 49, Appl	Sequence 8, Appl
c1464	13.2	0.8	20	1	US-10-462-261-57	Sequence 57, Appl	c1537	13.2	0.8	20	1	Sequence 260, App	Sequence 260, App
c1465	13.2	0.8	20	1	US-10-188-248-115	Sequence 115, App	c1538	13.2	0.8	20	1	Sequence 304, App	Sequence 304, App
c1466	13.2	0.8	20	1	US-10-665-216-40	Sequence 40, Appl	c1539	13.2	0.8	20	1	Sequence 52, Appl	Sequence 52, Appl
c1467	13.2	0.8	20	1	US-10-665-216-99	Sequence 99, Appl	c1540	13.2	0.8	20	1	Sequence 260, App	Sequence 260, App
c1468	13.2	0.8	20	1	US-10-380-195A-12	Sequence 71, Appl	c1541	13.2	0.8	20	1	Sequence 304, App	Sequence 304, App
c1469	13.2	0.8	20	1	US-10-380-195A-55	Sequence 55, Appl	c1542	13.2	0.8	20	1	Sequence 52, Appl	Sequence 52, Appl
c1470	13.2	0.8	20	1	US-10-273-810-71	Sequence 71, Appl	c1543	13.2	0.8	20	1	Sequence 304, App	Sequence 304, App
c1471	13.2	0.8	20	1	US-10-273-070-71	Sequence 71, Appl	c1544	13.2	0.8	20	1	Sequence 5, Appl	Sequence 5, Appl
c1472	13.2	0.8	20	1	US-10-274-085-47	Sequence 47, Appl	c1545	13.2	0.8	20	1	Sequence 152, App	Sequence 152, App
c1473	13.2	0.8	20	1	US-10-274-085-77	Sequence 77, Appl	c1546	13.2	0.8	20	1	Sequence 250, App	Sequence 250, App
c1474	13.2	0.8	20	1	US-10-274-085-159	Sequence 159, App	c1547	13.2	0.8	20	1	Sequence 1850, Ap	Sequence 1850, Ap
c1475	13.2	0.8	20	1	US-10-728-509-168	Sequence 181, App	c1548	13.2	0.8	20	1	Sequence 46, Appl	Sequence 46, Appl
c1476	13.2	0.8	20	1	US-10-280-183A-467	Sequence 168, App	c1549	13.2	0.8	20	1	Sequence 93, Appl	Sequence 93, Appl
c1477	13.2	0.8	20	1	US-10-292-849-23	Sequence 23, Appl	c1550	13.2	0.8	20	1	Sequence 155, App	Sequence 155, App
c1478	13.2	0.8	20	1	US-10-292-849-28	Sequence 28, Appl	c1551	13.2	0.8	20	1	Sequence 7, Appl	Sequence 7, Appl
c1479	13.2	0.8	20	1	US-10-292-849-96	Sequence 96, Appl	c1552	13.2	0.8	20	1	Sequence 9178, Ap	Sequence 9178, Ap
c1480	13.2	0.8	20	1	US-10-292-849-100	Sequence 100, App	c1553	13.2	0.8	20	1	Sequence 2387, Ap	Sequence 2387, Ap
c1481	13.2	0.8	20	1	US-10-292-849-100	Sequence 24, Appl	c1554	13.2	0.8	20	1	Sequence 2387, Ap	Sequence 2387, Ap
c1482	13.2	0.8	20	1	US-10-293-869-24	Sequence 123, App	c1555	13	0.7	15	1	Sequence 540, App	Sequence 540, App
c1483	13.2	0.8	20	1	US-10-298-994-123	Sequence 48, Appl	c1556	13	0.7	15	1	Sequence 10, Appl	Sequence 10, Appl
c1484	13.2	0.8	20	1	US-10-300-236-48	Sequence 118, App	c1557	13	0.7	15	1	Sequence 966, App	Sequence 966, App
c1485	13.2	0.8	20	1	US-10-300-236-118	Sequence 54, Appl	c1558	13	0.7	15	1	Sequence 1868, Ap	Sequence 1868, Ap
c1486	13.2	0.8	20	1	US-10-303-266-54	Sequence 54, App	c1559	13	0.7	15	1	Sequence 1869, Ap	Sequence 1869, Ap
c1487	13.2	0.8	20	1	US-10-303-266-130	Sequence 130, App	c1560	13	0.7	15	1	Sequence 933, App	Sequence 933, App
c1488	13.2	0.8	20	1	US-10-304-105-29	Sequence 29, App	c1561	13	0.7	15	1	Sequence 480, App	Sequence 480, App
c1489	13.2	0.8	20	1	US-10-304-105-58	Sequence 58, Appl	c1562	13	0.7	15	1		
c1490	13.2	0.8	20	1	US-10-304-107-70	Sequence 70, Appl	c1563	13	0.7	15	1		
c1491	13.2	0.8	20	1			c1564	13	0.7	15	1		
c1492	13.2	0.8	20	1			c1565	13	0.7	15	1		
c1493	13.2	0.8	20	1			c1566	13	0.7	15	1		

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568	13	0.7	17	1	US-09-740-332-4076	Sequence 4076, Ap
569	13	0.7	17	1	US-09-792-818-250	Sequence 250, App
570	13	0.7	17	1	US-09-792-818-577	Sequence 577, App
571	13	0.7	17	1	US-09-817-879-479	Sequence 479, App
572	13	0.7	17	1	US-09-817-879-480	Sequence 480, App
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574	13	0.7	17	1	US-09-817-879-4076	Sequence 4076, Ap
575	13	0.7	17	1	US-10-675-685-540	Sequence 540, App
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577	13	0.7	17	1	US-10-138-674-2069	Sequence 3449, Ap
578	13	0.7	17	1	US-10-138-674-3449	Sequence 3461, Ap
579	13	0.7	17	1	US-10-138-674-3461	Sequence 6704, Ap
580	13	0.7	17	1	US-10-138-674-6704	Sequence 6819, Ap
581	13	0.7	17	1	US-10-138-674-6819	Sequence 2069, Ap
582	13	0.7	17	1	US-10-287-949A-2069	Sequence 3449, Ap
583	13	0.7	17	1	US-10-287-949A-3449	Sequence 3461, Ap
584	13	0.7	17	1	US-10-287-949A-3461	Sequence 6704, Ap
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586	13	0.7	17	1	US-10-669-841-3072	Sequence 3072, Ap
587	13	0.7	17	1	US-10-669-841-3073	Sequence 3073, Ap
588	13	0.7	17	1	US-10-669-841-6668	Sequence 6668, Ap
589	13	0.7	17	1	US-10-669-841-6669	Sequence 6669, Ap
590	13	0.7	17	1	US-10-314-857-207	Sequence 207, App
591	13	0.7	18	1	US-10-453-792-248	Sequence 248, App
592	13	0.7	18	1	US-10-665-951-1035	Sequence 1035, Ap
593	13	0.7	19	1	US-10-665-951-1035	Sequence 1359, Ap
594	13	0.7	19	1	US-09-735-995-47	Sequence 47, Appl
595	13	0.7	20	1	US-09-735-995-47	Sequence 80, Appl
596	13	0.7	20	1	US-09-824-322B-80	Sequence 9, Appl
597	13	0.7	20	1	US-09-816-814-9	Sequence 33, Appl
598	13	0.7	20	1	US-09-151-376-33	Sequence 62, Appl
599	13	0.7	20	1	US-09-940-244-62	Sequence 45, Appl
1598	13	0.7	20	1	US-09-989-643-45	Sequence 43, Appl
1599	13	0.7	20	1	US-09-906-158-43	Sequence 80, Appl
1600	13	0.7	20	1	US-09-910-185-80	Sequence 255, Appl
1601	13	0.7	20	1	US-09-864-636A-255	Sequence 52, Appl
1602	13	0.7	20	1	US-09-758-282-52	Sequence 104, App
1603	13	0.7	20	1	US-09-964-059B-104	Sequence 66, Appl
1604	13	0.7	20	1	US-09-851-871-66	Sequence 255, App
1605	13	0.7	20	1	US-09-864-426A-255	Sequence 62, Appl
1606	13	0.7	20	1	US-10-033-297-62	Sequence 11, Appl
1607	13	0.7	20	1	US-10-145-493B-11	Sequence 17, Appl
1608	13	0.7	20	1	US-10-016-149-17	Sequence 41, Appl
1609	13	0.7	20	1	US-10-024-396-41	Sequence 33, Appl
1610	13	0.7	20	1	US-10-139-089-33	Sequence 62, Appl
1611	13	0.7	20	1	US-10-290-386-62	Sequence 255, App
1612	13	0.7	20	1	US-10-084-839-255	Sequence 492, App
1613	13	0.7	20	1	US-10-388-263-492	Sequence 272, App
1614	13	0.7	20	1	US-10-094-886-272	Sequence 81, Appl
1615	13	0.7	20	1	US-10-277-216-81	Sequence 176, App
1616	13	0.7	20	1	US-10-277-216-176	Sequence 66, Appl
1617	13	0.7	20	1	US-10-289-762-3020	Sequence 3020, Ap
1618	13	0.7	20	1	US-10-289-762-3020	Sequence 3023, Ap
1619	13	0.7	20	1	US-10-289-762-3023	Sequence 81, Appl
1620	13	0.7	20	1	US-10-126-022-81	Sequence 176, App
1621	13	0.7	20	1	US-10-126-022-176	Sequence 81, Appl
1622	13	0.7	20	1	US-10-212-993-81	Sequence 66, Appl
1623	13	0.7	20	1	US-10-444-206-66	Sequence 62, Appl
1624	13	0.7	20	1	US-10-356-861-62	Sequence 70, Appl
1625	13	0.7	20	1	US-10-670-184-70	Sequence 117, App
1626	13	0.7	20	1	US-10-670-184-117	Sequence 47, Appl
1627	13	0.7	20	1	US-10-696-708-47	Sequence 60, Appl
1628	13	0.7	20	1	US-10-303-325-60	Sequence 130, App
1629	13	0.7	20	1	US-10-303-325-130	Sequence 19, Appl
1630	13	0.7	20	1	US-10-250-997-19	Sequence 80, Appl
1631	13	0.7	20	1	US-10-652-795-80	Sequence 455, App
1632	13	0.7	20	1	US-10-647-918-80	Sequence 45, Appl
1633	13	0.7	20	1	US-10-619-739-455	
1634	13	0.7	20	1	US-10-753-169-45	

ALIGNMENTS

RESULT 1		US-10-169-580-18		US-10-169-580-18	
		; Sequence 19, Application US/10169580			
		; Publication No. US20030100477A1			
		; GENERAL INFORMATION:			
		; APPLICANT: Yamanouchi Pharmaceutical Co., Ltd.			
		; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION			
		; FILE REFERENCE: Q70898			
		; CURRENT APPLICATION NUMBER: US/10/169,580			
		; CURRENT FILING DATE: 2002-07-08			
		; PRIOR APPLICATION NUMBER: 2000-131037			
		; PRIOR FILING DATE: 2000-04-28			
		; PRIOR APPLICATION NUMBER: PCT/JP01/03555			
		; PRIOR FILING DATE: 2001-04-25			
		; NUMBER OF SEQ ID NOS: 21			
		; SOFTWARE: Patent in version 3.1			
		; SEQ ID NO 18			
		; LENGTH: 33			
		; TYPE: DNA			
		; ORGANISM: Artificial Sequence			
		; FEATURE:			
		; OTHER INFORMATION: Primer			
		US-10-169-580-18			
		Query Match 1.3%; Score 22.4; DB 1; Length 33;			
		Best Local Similarity 81.2%; Pred. No. 24;			
		Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;			
QY		1018 GAGCTCAAGCTGGCTGACTTTGGCTGGCCGCG 1049			
Db		2 GAGCTGAATTGGCTAAATTTGGCTGGCTCG 33			
RESULT 2		US-10-169-580-19/c			
		; Sequence 19, Application US/10169580			
		; Publication No. US20030100477A1			
		; GENERAL INFORMATION:			
		; APPLICANT: Yamanouchi Pharmaceutical Co., Ltd.			
		; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS FOR SUPPRESSING B-AMYLOID PRODUCTION			
		; FILE REFERENCE: Q70898			
		; CURRENT APPLICATION NUMBER: US/10/169,580			
		; CURRENT FILING DATE: 2002-07-08			
		; PRIOR APPLICATION NUMBER: 2000-131037			
		; PRIOR FILING DATE: 2000-04-28			
		; PRIOR APPLICATION NUMBER: PCT/JP01/03555			
		; PRIOR FILING DATE: 2001-04-25			
		; NUMBER OF SEQ ID NOS: 21			
		; SOFTWARE: Patent in version 3.1			
		; SEQ ID NO 19			
		; LENGTH: 33			
		; TYPE: DNA			
		; ORGANISM: Artificial Sequence			
		; FEATURE:			
		; OTHER INFORMATION: Primer			
		US-10-169-580-19			
		Query Match 1.3%; Score 22.4; DB 1; Length 33;			
		Best Local Similarity 81.2%; Pred. No. 24;			
		Matches 26; Conservative 0; Mismatches 6; Indels 0; Gaps 0;			
QY		1018 GAGCTCAAGCTGGCTGACTTTGGCTGGCCGCG 1049			
Db		32 GAGCTGAATTGGCTAAATTTGGCTGGCTCG 1			
RESULT 3		US-10-017-621-5/c			
		; Sequence 5, Application US/10017621			
		; Publication No. US20030138952A1			
		; GENERAL INFORMATION:			
		; APPLICANT: Susan M. Freier			
		; APPLICANT: Mark P. Roach			

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621

; CURRENT FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 5

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-10-017-621-5

Query Match

Best Local Similarity 1.3%; Score 22; DB 1; Length 22;

Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 136 AAGAAGATCAACGGCAGCTGT 157

DB 22 AAGAAGATCAACGGCAGCTGT 1

RESULT 4

US-09-801-274-752

Sequence 752, Application US/09801274

Patent No. US20020032319A1

GENERAL INFORMATION:

APPLICANT: Cargill, Michele

APPLICANT: Ireland, James S.

APPLICANT: Lander, Eric S.

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: 2825.2009-001

CURRENT APPLICATION NUMBER: US/09/801,274

CURRENT FILING DATE: 2001-03-07

PRIOR APPLICATION NUMBER: US 60/187,510

PRIOR FILING DATE: 2000-03-07

PRIOR APPLICATION NUMBER: US 60/206,129

PRIOR FILING DATE: 2000-05-22

NUMBER OF SEQ ID NOS: 1802

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 752

LENGTH: 31

TYPE: DNA

ORGANISM: Homo sapiens

US-09-801-274-752

Query Match

Best Local Similarity 1.2%; Score 21.6; DB 1; Length 31;

Matches 24; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 979 GACCTCAAGCCCAAGAACTGCTCATCAAC 1008

DB 2 GACATCAAGCCCAAGAACTGCTGTGGAC 31

RESULT 5

US-09-801-274-94

Sequence 94, Application US/09801274

Patent No. US20020032319A1

GENERAL INFORMATION:

APPLICANT: Cargill, Michele

APPLICANT: Ireland, James S.

APPLICANT: Lander, Eric S.

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: 2825.2009-001

CURRENT APPLICATION NUMBER: US/09/801,274

CURRENT FILING DATE: 2001-03-07

PRIOR APPLICATION NUMBER: US 60/187,510

PRIOR FILING DATE: 2000-03-07

PRIOR APPLICATION NUMBER: US 60/206,129

PRIOR FILING DATE: 2000-05-22

NUMBER OF SEQ ID NOS: 1802

SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 94

LENGTH: 31

TYPE: DNA

ORGANISM: Homo sapiens

US-09-801-274-94

Query Match

Best Local Similarity 1.2%; Score 21; DB 1; Length 31;

Matches 24; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 577 GTCAGCCTATCTGAGATTGGCTTTGGAAAC 607

DB 1 GCCTCCCTGTGACAGCTTTGGCTTTGGAAAC 31

RESULT 6

US-10-418-182-140

Sequence 140, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 140

LENGTH: 27

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-10-418-182-140

Query Match

Best Local Similarity 1.2%; Score 20.2; DB 1; Length 27;

Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 222 GGATGAGAGTGGTGGTGGCGGC 246

DB 3 GGGTGGGGTGGTGGTGGCGGC 27

RESULT 7

US-10-017-621-10/c

Sequence 10, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 10

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense oligonucleotide

US-10-017-621-10

Query Match

Best Local Similarity 1.1%; Score 20; DB 1; Length 20;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GCAGCGTAAAGGATGGACAG 25

DB 20 GCAGCGTAAAGGATGGACAG 1

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ULT 8
10-017-621-11/c
sequence 11, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-11
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
14 AAGGATGGACAGGAATGCAG 33
|||||
20 AAGGATGGACAGGAATGCAG 1

SULT 9
-10-017-621-12/c
Sequence 12, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-12
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
27 AATGCAGAGGTAGGCAGGAG 46
|||||
20 AATGCAGAGGTAGGCAGGAG 1

SULT 10
-10-017-621-13/c
Sequence 13, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-13
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
56 TGTGACTGCTGAAACCAGG 75
|||||
20 TGTGACTGCTGAAACCAGG 1

SULT 11
US-10-017-621-14/c
Sequence 14, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-14
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
34 AGTAGGACAGGAGCAGC 53
|||||
20 AGTAGGACAGGAGCAGC 1

SULT 12
US-10-017-621-15/c
Sequence 15, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-15
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
56 TGTGACTGCTGAAACCAGG 75
|||||
20 TGTGACTGCTGAAACCAGG 1

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RESULT 13
US-10-017-621-16/c
; Sequence 16, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-16
Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 117 GATCGCATGGATCGGATGA 136
|||||
DB 20 GATCGCATGGATCGGATGA 1
|||||
RESULT 14
US-10-017-621-17/c
; Sequence 17, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-17
Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 127 GATCGGATGACAGATCAA 146
|||||
DB 20 GATCGGATGACAGATCAA 1
|||||
RESULT 15
US-10-017-621-18/c
; Sequence 18, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-18
```

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-18
Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 131 GGATGAAGAAGATCAAAACGG 150
|||||
DB 20 GGATGAAGAAGATCAAAACGG 1
|||||
RESULT 16
US-10-017-621-19/c
; Sequence 19, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-19
Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 138 GAAGATCAAAACGGCAGCTGT 157
|||||
DB 20 GAAGATCAAAACGGCAGCTGT 1
|||||
RESULT 17
US-10-017-621-20/c
; Sequence 20, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-20
Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 143 TCAAAACGGCAGCTGTCAATG 162
|||||
DB 20 TCAAAACGGCAGCTGTCAATG 1
|||||
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RESULT 23

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-28

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 CACGGGGCCCACTCAGCTCT 318
      |||||
Db 20 CACGGGGCCCACTCAGCTCT 1

RESULT 26
US-10-017-621-29/c
; Sequence 29, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-29

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 GGGCCCACTCAGCTCTGCAC 322
      |||||
Db 20 GGGCCCACTCAGCTCTGCAC 1

RESULT 27
US-10-017-621-30/c
; Sequence 30, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-30

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 CAGCTCTGCACCAGAGATTG 331
      |||||
Db 20 CAGCTCTGCACCAGAGATTG 1

RESULT 28
US-10-017-621-31/c

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sequence 31, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-31
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

331 GTGCACGAGGACTTGAAGAT 350
|||||
20 GTGCACGAGGACTTGAAGAT 1

SUIT 29
-10-017-621-32/c
Sequence 32, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-32
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

335 ACGAGGACTTGAAGATGGG 354
|||||
20 ACGAGGACTTGAAGATGGG 1

SUIT 30
-10-017-621-33/c
Sequence 33, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-33
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

343 TTGAAGATGGGCTCGATGG 362
|||||
20 TTGAAGATGGGCTCGATGG 1

RESULT 31
US-10-017-621-34/c
Sequence 34, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 34
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-34
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

370 GACCAGGCTTCAGCCAGTC 389
|||||
20 GACCAGGCTTCAGCCAGTC 1

RESULT 32
US-10-017-621-35/c
Sequence 35, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-35
Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

388 TCCTCGGATGAGGTGCAGTC 407
|||||
20 TCCTCGGATGAGGTGCAGTC 1

RESULT 33
US-10-017-621-36/c
Sequence 36, Application US/10017621
```

```
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-36

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      406 TCTCCAGTGAGAGTGCGTAT 425
      |||||
Db      20 TCTCCAGTGAGAGTGCGTAT 1

RESULT 34
US-10-017-621-37/c
; Sequence 37, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-37

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      415 AGAGTGGGTATCGCAACCA 434
      |||||
Db      20 AGAGTGGGTATCGCAACCA 1

RESULT 35
US-10-017-621-38/c
; Sequence 38, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-38

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      445 AAGATCTCCACTGAGGACAT 464
      |||||
Db      20 AAGATCTCCACTGAGGACAT 1

RESULT 36
US-10-017-621-39/c
; Sequence 39, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-39

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      455 CTGAGGACATCAACAAGCGC 474
      |||||
Db      20 CTGAGGACATCAACAAGCGC 1

RESULT 37
US-10-017-621-40/c
; Sequence 40, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-40

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      471 GCGGCTATCATCACCAGCTG 490
      |||||
Db      20 GCGGCTATCATCACCAGCTG 1

RESULT 38
US-10-017-621-41/c
; Sequence 41, Application US/10017621
; Publication No. US20030138952A1
```

Tue Nov 2 13:39:14 2004

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GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 41
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-41

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

481 CTACGAGCTGACATCCGGCT 500
|||||
20 CTACGAGCTGACATCCGGCT 1

RESULT 39
-10-017-621-42/c
Sequence 42, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-42

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

493 ATCCGGCTGCCTGAGGGCTA 512
|||||
20 ATCCGGCTGCCTGAGGGCTA 1

RESULT 40
-10-017-621-43/c
Sequence 43, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-017-621-43
```

```
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

499 CTGCCTGAGGGCTACCTGGA 518
|||||
20 CTGCCTGAGGGCTACCTGGA 1

RESULT 41
US-10-017-621-44/c
Sequence 44, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-44

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

506 AGGCTACCTGGAGAGCTG 525
|||||
20 AGGCTACCTGGAGAGCTG 1

RESULT 42
US-10-017-621-45/c
Sequence 45, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-45

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

519 GAAGCTGACCCCTCAATAGCC 538
|||||
20 GAAGCTGACCCCTCAATAGCC 1

RESULT 43
US-10-017-621-46/c
Sequence 46, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
```



```

; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-46

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GCCTCCGTCGTGTCAGCCTA 585
DB 20 GCCTCCGTCGTGTCAGCCTA 1

RESULT 44
US-10-017-621-47/c
; Sequence 47, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-47

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 606 ACTGGAGACCTACATTAAGC 625
DB 20 ACTGGAGACCTACATTAAGC 1

RESULT 45
US-10-017-621-48/c
; Sequence 48, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-48
```

```

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 614 CCTACATTAAAGCTGACAAA 633
DB 20 CCTACATTAAAGCTGACAAA 1

RESULT 46
US-10-017-621-49/c
; Sequence 49, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-49

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GGCAAAAGCAAGCTCACAGA 686
DB 20 GGCAAAAGCAAGCTCACAGA 1

RESULT 47
US-10-017-621-50/c
; Sequence 50, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-50

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 693 TGTGGCACTCAAGGAGATCA 712
DB 20 TGTGGCACTCAAGGAGATCA 1

RESULT 48
US-10-017-621-51/c
; Sequence 51, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
```

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APPLICANT: Mark P. Roach
 TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
 FILE REFERENCE: RTS-0350
 CURRENT APPLICATION NUMBER: US/10/017,621
 CURRENT FILING DATE: 2001-12-07
 NUMBER OF SEQ ID NOS: 89
 EQ ID NO 51
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 -10-017-621-51

Query Match 1.1%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 39;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

764 TGCTCAAGGACCTCAACAC 783
 |||||
 20 TGCTCAAGGACCTCAACAC 1

RESULT 49
 -10-017-621-52/c
 ; Sequence 52, Application US/10017621
 ; Publication No. US20030138952A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan M. Freier
 ; APPLICANT: Mark P. Roach
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
 ; FILE REFERENCE: RTS-0350
 ; CURRENT APPLICATION NUMBER: US/10/017,621
 ; CURRENT FILING DATE: 2001-12-07
 ; NUMBER OF SEQ ID NOS: 89
 ; SEQ ID NO 52
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 -10-017-621-52

Query Match 1.1%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 39;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

793 GTTACGCTACATGACATTAT 812
 |||||
 20 GTTACGCTACATGACATTAT 1

RESULT 50
 -10-017-621-53/c
 ; Sequence 53, Application US/10017621
 ; Publication No. US20030138952A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan M. Freier
 ; APPLICANT: Mark P. Roach
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
 ; FILE REFERENCE: RTS-0350
 ; CURRENT APPLICATION NUMBER: US/10/017,621
 ; CURRENT FILING DATE: 2001-12-07
 ; NUMBER OF SEQ ID NOS: 89
 ; SEQ ID NO 53
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 -10-017-621-53

Query Match 1.1%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 39;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 814 CACACGGAGAGTCCCTCAC 833
 |||||
 DB 20 CACACGGAGAGTCCCTCAC 1

RESULT 51
 US-10-017-621-54/c
 ; Sequence 54, Application US/10017621
 ; Publication No. US20030138952A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan M. Freier
 ; APPLICANT: Mark P. Roach
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
 ; FILE REFERENCE: RTS-0350
 ; CURRENT APPLICATION NUMBER: US/10/017,621
 ; CURRENT FILING DATE: 2001-12-07
 ; NUMBER OF SEQ ID NOS: 89
 ; SEQ ID NO 54
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-017-621-54

Query Match 1.1%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 39;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 TGCCACCGGCAGAGGTGCT 971
 |||||
 DB 20 TGCCACCGGCAGAGGTGCT 1

RESULT 52
 US-10-017-621-55/c
 ; Sequence 55, Application US/10017621
 ; Publication No. US20030138952A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan M. Freier
 ; APPLICANT: Mark P. Roach
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
 ; FILE REFERENCE: RTS-0350
 ; CURRENT APPLICATION NUMBER: US/10/017,621
 ; CURRENT FILING DATE: 2001-12-07
 ; NUMBER OF SEQ ID NOS: 89
 ; SEQ ID NO 55
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-10-017-621-55

Query Match 1.1%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 39;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGGCAGAGGTGCTACACCG 977
 |||||
 DB 20 CGGCAGAGGTGCTACACCG 1

RESULT 53
 US-10-017-621-56/c
 ; Sequence 56, Application US/10017621
 ; Publication No. US20030138952A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan M. Freier
 ; APPLICANT: Mark P. Roach

FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-61

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1232 AGCTACATTCATCTCCGT 1251
|||||
20 AGCTACATTCATCTCCGT 1

SULT 59
10-017-621-62/c
Sequence 62, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-62

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1280 GCCCAGGCATCTGTCCCAAC 1299
|||||
20 GCCCAGGCATCTGTCCCAAC 1

SULT 60
10-017-621-63/c
Sequence 63, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-63

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGGCATCTGTCCACGAGG 1303
|||||
Db 20 AGGCATCTGTCCACGAGG 1
RESULT 61
US-10-017-621-64/c
Sequence 64, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-64

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1326 CAAGTACCGAGCGCGGCC 1345
|||||
Db 20 CAAGTACCGAGCGCGGCC 1
RESULT 62
US-10-017-621-65/c
Sequence 65, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-65

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1391 TCACCAAGCTGTTCAGTTT 1410
|||||
Db 20 TCACCAAGCTGTTCAGTTT 1
RESULT 63
US-10-017-621-66/c
Sequence 66, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1391 TCACCAAGCTGTTCAGTTT 1410
|||||
Db 20 TCACCAAGCTGTTCAGTTT 1
RESULT 63
US-10-017-621-66/c
Sequence 66, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1391 TCACCAAGCTGTTCAGTTT 1410
|||||
Db 20 TCACCAAGCTGTTCAGTTT 1
RESULT 63
US-10-017-621-66/c
Sequence 66, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350

```

; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-66

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1396 AAGCTGTGCAGTTTGAGGG 1415
    |||||||
Cc 20 AAGCTGTGCAGTTTGAGGG 1

RESULT 64
US-10-017-621-67/c
; Sequence 67, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-67

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1402 TTGCAGTTTGAGGGTCGAAA 1421
    |||||||
Db 20 TTGCAGTTTGAGGGTCGAAA 1

RESULT 65
US-10-017-621-68/c
; Sequence 68, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-68

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1402 TTGCAGTTTGAGGGTCGAAA 1421
    |||||||
Db 20 TTGCAGTTTGAGGGTCGAAA 1

RESULT 66
US-10-017-621-69/c
; Sequence 69, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-69

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1436 AGGATGCCATGAACATCCA 1455
    |||||||
Db 20 AGGATGCCATGAACATCCA 1

RESULT 67
US-10-017-621-70/c
; Sequence 70, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-70

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1449 ACATCCATTCTCTCAGTC 1468
    |||||||
Db 20 ACATCCATTCTCTCAGTC 1

RESULT 68
US-10-017-621-71/c
; Sequence 71, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
```



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; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-76

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1506 CATATTTGCACCTAAAGGAGA 1525
      |||||
Db 20 CATATTTGCACCTAAAGGAGA 1

RESULT 74
US-10-017-621-77/c
; Sequence 77, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-77

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1533 ACAAAAGGAGGCGAGCCTTC 1552
      |||||
Db 20 ACAAAAGGAGGCGAGCCTTC 1

RESULT 75
US-10-017-621-78/c
; Sequence 78, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-78

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1543 GCCAGCCTTCGCTCTCGTC 1562
      |||||
Db 20 GCCAGCCTTCGCTCTCGTC 1

RESULT 76
US-10-017-621-79/c
; Sequence 79, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-79

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1554 GTCTTCGTCGATGCGCTGACT 1573
      |||||
Db 20 GTCTTCGTCGATGCGCTGACT 1

RESULT 77
US-10-017-621-80/c
; Sequence 80, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-80

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1558 TCGTCGATGCGCTGACTCAGG 1577
      |||||
Db 20 TCGTCGATGCGCTGACTCAGG 1

RESULT 78
US-10-017-621-81/c
; Sequence 81, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
```

```

EQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-81

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1563 GATGCTGACTCAGGAGGC 1582
|||||
20 GATGCTGACTCAGGAGGC 1

RESULT 79
US-10-017-621-82/c
Sequence 82, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-82

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1582 CCAGCTTCCGCGGTGGA 1601
|||||
20 CCAGCTTCCGCGGTGGA 1

RESULT 80
US-10-017-621-83/c
Sequence 83, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-017-621-83

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1598 TGGACACCGAGTTCTAAGCC 1617
|||||
20 TGGACACCGAGTTCTAAGCC 1

RESULT 81
US-10-017-621-84/c
Sequence 84, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-84

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1603 ACCGAGTTCTAAGCCACAGA 1622
|||||
20 ACCGAGTTCTAAGCCACAGA 1

RESULT 82
US-10-017-621-85/c
Sequence 85, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-85

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1640 AGCGGCTGGAGGATGCCAC 1659
|||||
20 AGCGGCTGGAGGATGCCAC 1

RESULT 83
US-10-017-621-86/c
Sequence 86, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 86

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
03-10-017-621-86

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1715 GCGTGACCATGTCACCTG 1734
DB 20 GCGTGACCATGTCACCTG 1

RESULT 84
US-10-017-621-87/c
; Sequence 87, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-87

Query Match
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1719 GAGCCATGTTCACTGCCCA 1738
DB 20 GAGCCATGTTCACTGCCCA 1

RESULT 85
US-10-098-263B-51207/c
; Sequence 51207, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51207

Query Match
Best Local Similarity 1.1%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY 686 ACAACCTTGTGGCACTCAGGAGA 709
DB 25 ACAACCTTGTGGCACTCAGGAGA 2

RESULT 86
US-10-098-263B-51208/c
; Sequence 51208, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51208

Query Match
Best Local Similarity 1.1%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 3; Gaps 0;

QY 686 ACAACCTTGTGGCACTCAGGAGA 709
DB 25 ACAACCTTGTGGCACTCAGGAGA 2

RESULT 87
US-10-017-621-6
; Sequence 6, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-017-621-6

Query Match
Best Local Similarity 1.1%; Score 19; DB 1; Length 19;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 111 CCCGCCGATCGCCATGGAT 129
DB 1 CCCGCCGATCGCCATGGAT 19

RESULT 88
US-10-188-779A-28/c
; Sequence 28, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 28
```

Tue Nov 2 13:39:14 2004

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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-188-779A-28

Query Match 1.1%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1029 GGCTGACTTTGGCTGGCC 1047
|||||
20 GGCTGACTTTGGCTGGCC 2

RESULT 89
-10-188-779A-180
Sequence 180, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PFS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 180
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
-10-188-779A-180

Query Match 1.1%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1029 GGCTGACTTTGGCTGGCC 1047
|||||
1 GGCTGACTTTGGCTGGCC 19

SULT 90
-10-098-263B-39568
Sequence 39568, Application US/10098263B
Publication No. US2003010410A1
GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3119.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 39568
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
-10-098-263B-39568

Query Match 1.1%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 90;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1256 TAGGAACCCCAACTGAGGAGAC 1277
|||||
4 TAGGCACCTCCAACTGAGGAGAC 25

10017621-3sl.rnpb
```

```

RESULT 91
US-09-866-108-15295
Sequence 15295, Application US/09866108
Patent No. US20020049800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 15295
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-15295

Query Match 1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 99;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCCCGCCCTCCGTCGTGTC 579
|||||
DB 1 CCTCATCTCTCCGCTCCATCGTGC 25

RESULT 92
US-10-060-756A-3581/C
Sequence 3581, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
```

216 AGGCCTGGATGAGAGTGGTGGTGGT 240

```

RESULT 95
US / 10-723-361-15295
Sequence 15295, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE
FILE REFERENCE: PH0105
CURRENT APPLICATION NUMBER: US/10/723,
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,10
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,45
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,35
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeonica Sequence Listing Eng
SEQ ID NO 15295
LENGTH: 25

```

TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-15295

Query Match 1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 99;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

555 CCTCAGCGCGCTCCGTCGTGTC 579
||||| ||||| ||||| ||||| |||||
1 CCTCATCTCCGGCTCCATCGTGT 25

SULT 96

-09-992-665-289
Sequence 289, Application US/09992665
Publication No. US20030092009A1

GENERAL INFORMATION:

APPLICANT: Kaia Palm

TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE

FILE REFERENCE: CEMINES.002A

CURRENT APPLICATION NUMBER: US/09/992.665

CURRENT FILING DATE: 2001-11-13

PRIOR APPLICATION NUMBER: 60/249,508

PRIOR FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 380

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 289

LENGTH: 27

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Probe

-09-992-665-289

Query Match 1.0%; Score 18.2; DB 1; Length 27;
Best Local Similarity 87.0%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

921 CCTGTTCAGCTGCTCCGTGGCC 943
||||| ||||| ||||| ||||| |||||
3 CCTGTTCAGGTGCACCGTGGCC 25

SULT 97

-09-866-108-15294
Sequence 15294, Application US/09866108
Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aeomica Sequence Listing Engine
;; SEQ ID NO 15294
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-15294

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCTCCGTCGTGT 578
||||| ||||| ||||| ||||| |||||
DB 2 CCTCATCTCCGGCTCCATCGTGT 25

RESULT 98

US-09-866-108-15296
; Sequence 15296, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

```
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 15296
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15296
```

```
Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 556 CTCAGCGCGCTCCGTCGTGTC 579
DQ 1 CTCATCTCCGGCTCCATGTC 24
```

```
RESULT 99
US-10-060-756A-3580/c
; Sequence 3580, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3580
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3580
```

```
Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 218 GCTCGATGAGAGTGGTGGTGG 241
DQ 25 GCCAGGATGTTAGTGATGGTGG 2
```

```
RESULT 100
US-10-060-756A-3583/c
; Sequence 3583, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3583
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3583
```

```
Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 216 AGCCTGGATGAGAGTGGTGG 239
DQ 24 AGGCCAGGATGTTAGTGATGGTGG 1
```

```
RESULT 101
US-10-098-263B-83985/c
; Sequence 83985, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83985
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83985
```

```
Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1056 GTCATCCCAACAAACATATCTC 1079
DQ 25 GTCAAAACCTAGAAAGACCTACTC 2
```

```
RESULT 102
US-10-098-263B-127250/c
; Sequence 127250, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

```

Db      2  CCTCATCTCCGGCTCCATCGTGT 25
||||| || ||| ||||| |||||
RESULT 104
US-10-723-361-15296
; Sequence 15296, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 15296
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-15296

Query Match          1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred.No.1.6e+02;
Matches    20; Conservative   0; Mismatches    4; Indels   0; Gaps   0;

QY      556 CTCAGCGCGGCTCCGTCGTGC 579
||||| ||||| ||||| |||||
Db      1  CTCACTCCTCCGGCTCCATCGTGTC 24
||||| ||||| ||||| |||||
RESULT 105
US-10-115-482-123
; Sequence 123, Application US/10115482
; Publication No. US20030212257A1
; GENERAL INFORMATION:
; APPLICANT: spytek, et al.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS
; TITLE OF INVENTION: OF USING THE SAME
; FILE REFERENCE: 21404-322D
; CURRENT APPLICATION NUMBER: US/10/115,482
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136

```

```
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: 60/285,890
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 60/286,068
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: 60/286,292
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/287,213
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/288,257
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/291,134
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/291,725
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/294,771
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/296,965
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/299,128
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 149
; SEQ ID NO 123
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-115-482-123
```

```
Query Match 1.0%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 972 ACACGAGACCTCAGCCCCAGAA 995
Db 1 ATACCGAGACCTGAACCCACAA 24
```

```
RESULT 106
US-10-098-263B-39567
; Sequence 39567, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 39567
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-39567
```

```
Query Match 1.0%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 1.9e+02;
```

```
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1256 TAGGAACCCCACTGAGGAGAC 1277
Db 4 TAGGCACTCGAACTGAGGAGAC 25
```

```
RESULT 107
US-09-774-809-31/c
; Sequence 31, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-31
```

```
Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1033 GACTTTGGCTGGCCCG 1049
Db 20 GACTTTGGCTGGCCCG 4
```

```
RESULT 108
US-09-774-809-42
; Sequence 42, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Synthetic Sequence
09-774-809-42

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACTTTGGCCTGGCCCG 1049
|||||
1 GACTTTGGCCTGGCCCG 17

SULT 109
-09-888-326-463/c

Sequence 463, Application US/09888326
Publication No. US20030026801A1

GENERAL INFORMATION:

APPLICANT: Weiner, George

APPLICANT: Hartmann, Gunther

TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer

FILE REFERENCE: C1039/7052 (AWS)

CURRENT APPLICATION NUMBER: US/09/888,326

CURRENT FILING DATE: 2001-06-22

PRIOR APPLICATION NUMBER: US 60/213,346

PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 463

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide

NAME/KEY: misc feature

LOCATION: (0)...(0)

OTHER INFORMATION: phosphorothioate backbone

-09-888-326-463

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACTTTGGCCTGGCCCG 1049
|||||
20 GACTTTGGCCTGGCCCG 4

SULT 110

-09-776-479-311/c

Sequence 311, Application US/09776479

Publication No. US20030087848A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 311

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

-09-776-479-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 111

US-09-776-479-311/c

Sequence 311, Application US/09776479

Publication No. US20040067902A9

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy

FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/776,479

CURRENT FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 311

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Sequence

US-09-776-479-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 112

US-10-112-653-301/c

Sequence 301, Application US/10112653

Publication No. US20030050268A1

GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Berg, Daniel J.

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR

TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES

FILE REFERENCE: C01039/70060(AWS)

CURRENT APPLICATION NUMBER: US/10/112,653

CURRENT FILING DATE: 2002-03-29

PRIOR APPLICATION NUMBER: US 60/279,642

PRIOR FILING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 301

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-112-653-301

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
|||||


```
Db      20 GACTTTGGCCTGGCCCG 4

RESULT 113
US-10-017-995-311/c
; Sequence 311, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-311

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1033 GACTTTGGCCTGGCCCG 1049
          |||||
Db      20 GACTTTGGCCTGGCCCG 4

RESULT 114
US-10-314-578-311/c
; Sequence 311, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-311

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1033 GACTTTGGCCTGGCCCG 1049
          |||||
Db      20 GACTTTGGCCTGGCCCG 4

RESULT 115
US-10-345-444B-31/c
```

```
; Sequence 31, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULA
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-31

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1033 GACTTTGGCCTGGCCCG 1049
          |||||
Db      20 GACTTTGGCCTGGCCCG 4

RESULT 116
US-10-345-444B-42
; Sequence 42, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULA
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-42
```

-10-345-444B-42

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1033 GACCTTGGCTGGCCCG 1049
|||||
1 GACTTTGGCTGGCCCG 17

SULT 117

-10-098-263B-48152/c
Sequence 48152, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 48152
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

-10-098-263B-48152

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 232 GTGTGTGTGGCGCAGTGACCCCTG 256
Db 25 GTGTGTGTGTGGCGCAGTGACCCCTG 1

RESULT 120

US-10-291-808-73/c
; Sequence 73, Application US/10291808
; Publication No. US2003024382A1

GENERAL INFORMATION:
APPLICANT: McClelland, Michael
APPLICANT: Welsh, John
APPLICANT: Trenkle, Thomas
TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
FILE REFERENCE: P-PH 3457
CURRENT APPLICATION NUMBER: US/10/291,808
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US/09/300,958
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/083,331
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/098,070
PRIOR FILING DATE: 1998-08-27
PRIOR APPLICATION NUMBER: 60/118,624
PRIOR FILING DATE: 1999-02-04
NUMBER OF SEQ ID NOS: 85
SOFTWARE: PatentIn ver. 2.0
SEQ ID NO 73
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-291-808-73

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 531 CAATAGCCCCATCTTTGACAGCCC 555
Db 25 CACTAGCAGCATCTTTGAAAGACAC 1

RESULT 121

US-10-016-248-132
; Sequence 132, Application US/10016248
; Publication No. US20040033491A1

GENERAL INFORMATION:
APPLICANT: Alsobrook et al.
TITLE OF INVENTION: proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-218

-10-098-263B-48152/c
Sequence 48152, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 48152
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

-10-098-263B-48152

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

787 AACATCGTTAGCTACATGACATTA 811
25 AATAAGTCACACTACAGACATTA 1

SULT 118

-10-098-263B-102020/c
Sequence 102020, Application US/10098263B
Publication No. US20030104410A1

GENERAL INFORMATION:
APPLICANT: Mittman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 102020
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

-10-098-263B-102020

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

391 TCGGATGAGGTGCAGTCTCCAGTGA 415
25 TAGGATGAGGTGCAGCCCTCAAGTGA 1

SULT 119

-10-098-263B-128708/c
Sequence 128708, Application US/10098263B
Publication No. US20030104410A1

```
; CURRENT APPLICATION NUMBER: US/10/016,248
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/254,329
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/291,037
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/255,648
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 60/297,173
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/309,258
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/326,393
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/315,639
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 132
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: primer
US-10-016-248-132

Query Match 1.0%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 767 TCAAGGACCTCAACACGCGCAACAT 791
      ||||| ||||| ||||| ||||| |||||
Db 2 TGAAGGCGCTAACACCGCCCAACAT 26

RESULT 122
US-10-007-010-56/c
; Sequence 56, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-56

Query Match 1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1034 ACTTGGCTGGCGCGAGCC 1053
      ||||| ||||| ||||| ||||| |||||
Db 20 ACTTGGCTGGCGCGGTC 1

RESULT 123
US-10-315-765-15/c
; Sequence 15, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
```

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; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-15

Query Match 1.0%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1030 GCTGACTTTGGCCTGGCCCG 1049
      ||||| ||||| ||||| ||||| |||||
Db 20 GCAGACTTTGGGCTGGCCCG 1

RESULT 124
US-10-323-463-3
; Sequence 3, Application US/10323463
; Publication No. US20030157693A1
; GENERAL INFORMATION:
; APPLICANT: VERDIN, ERIC
; APPLICANT: JORDAN, ALBERT
; TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNODEFICIENCY
; TITLE OF INVENTION: VIRUS AND METHODS OF USE THEREOF
; FILE REFERENCE: UCAL-261
; CURRENT APPLICATION NUMBER: US/10/323,463
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/341,727
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-323-463-3

Query Match 1.0%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1051 GCCAGTCAATCCCAACAAGAC 1073
      ||||| ||||| ||||| ||||| |||||
Db 1 GCTAATTCATCCCAACAAGAC 23

RESULT 125
US-09-898-779-109/c
; Sequence 109, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; TITLE OF INVENTION: No. US20020106657A1-responsiveness to Statin Drug Treatment
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; PRIOR FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
```

SEQ ID NO 109

LENGTH: 24

TYPE: DNA

ORGANISM: Homo sapiens

-09-898-779-109

Query Match 1.0%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

848 ACTGGACAAGCACTGAAGCAG 870

|||||
23 ACTGGACAAGCACTGAAGCAG 1

SULT 126

-10-289-743-7

Sequence 7, Application US/10289743

Publication No. US20030109695A1

GENERAL INFORMATION:

APPLICANT: Borowsky et al, Beth E.

TITLE OF INVENTION: Uses of the SNORF7 Receptor

FILE REFERENCE: 58672-AA

CURRENT APPLICATION NUMBER: US/10/289,743

CURRENT FILING DATE: 2002-11-06

PRIOR APPLICATION NUMBER: US/09/629,609

PRIOR FILING DATE: 2000-07-31

PRIOR APPLICATION NUMBER: 09/375,926

PRIOR FILING DATE: 1999-08-17

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 7

LENGTH: 24

TYPE: DNA

ORGANISM: Homo sapiens

-10-289-743-7

Query Match 1.0%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

951 CTGCCACCGCAGAGGTGCTAC 973

|||||
2 CTGCCACTCGCAGAGGTGCTGC 24

SULT 127

-10-140-210-7

Sequence 7, Application US/10140210

Publication No. US20030176685A1

GENERAL INFORMATION:

APPLICANT: Borowsky, Beth E.

APPLICANT: Kyaw, Hla

APPLICANT: Bonini, James A.

TITLE OF INVENTION: DNA Encoding Orphan SNORF7 Receptor

FILE REFERENCE: 58672A

CURRENT APPLICATION NUMBER: US/10/140,210

CURRENT FILING DATE: 2002-05-07

PRIOR APPLICATION NUMBER: 09/375,926

PRIOR FILING DATE: 1999-08-17

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn Ver. 2.0 - beta

SEQ ID NO 7

LENGTH: 24

TYPE: DNA

ORGANISM: Homo sapiens

-10-140-210-7

Query Match 1.0%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 2.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

951 CTGCCACCGCAGAGGTGCTAC 973

Db 2 CTACCACTCGCAGAGGTGCTGC 24
|||||

RESULT 128

US-09-866-108-15293

; Sequence 15293, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ABOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Ascmica Sequence Listing Engine

; SEQ ID NO 15293

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-15293

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTCGTG 577

|||||

Db 3 CCTCATCTCCGGCTCCATCGTG 25

RESULT 129

US-09-866-108-15297

; Sequence 15297, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

```

1  APPLICANT: JI, Yonggang
2  APPLICANT: PENN, Sharron G.
3  APPLICANT: HANZEL, David K.
4  APPLICANT: RANK, David R.
5  APPLICANT: CHEN, Wensheng
6  APPLICANT: SHANNON, Mark
7  TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
8  FILE REFERENCE: AEOICA-7
9  CURRENT APPLICATION NUMBER: US/09/866,108
10 CURRENT FILING DATE: 2001-05-25
11 PRIOR APPLICATION NUMBER: US 60/207,456
12 PRIOR FILING DATE: 2000-05-26
13 PRIOR APPLICATION NUMBER: GB 24263.6
14 PRIOR FILING DATE: 2000-10-04
15 PRIOR APPLICATION NUMBER: US 60/236,359
16 PRIOR FILING DATE: 2000-09-27
17 PRIOR APPLICATION NUMBER: PCT/US01/00666
18 PRIOR FILING DATE: 2001-01-30
19 PRIOR APPLICATION NUMBER: PCT/US01/00667
20 PRIOR FILING DATE: 2001-01-30
21 PRIOR APPLICATION NUMBER: PCT/US01/00664
22 PRIOR FILING DATE: 2001-01-30
23 PRIOR APPLICATION NUMBER: PCT/US01/00669
24 PRIOR FILING DATE: 2001-01-30
25 PRIOR APPLICATION NUMBER: PCT/US01/00665
26 PRIOR FILING DATE: 2001-01-30
27 PRIOR APPLICATION NUMBER: PCT/US01/00668
28 PRIOR FILING DATE: 2001-01-30
29 PRIOR APPLICATION NUMBER: PCT/US01/00663
30 PRIOR FILING DATE: 2001-01-30
31 PRIOR APPLICATION NUMBER: PCT/US01/00662
32 PRIOR FILING DATE: 2001-01-30
33 PRIOR APPLICATION NUMBER: PCT/US01/00661
34 PRIOR FILING DATE: 2001-01-30
35 PRIOR APPLICATION NUMBER: PCT/US01/00670
36 PRIOR FILING DATE: 2001-01-30
37 PRIOR APPLICATION NUMBER: US 60/234,687
38 PRIOR FILING DATE: 2000-09-21
39 PRIOR APPLICATION NUMBER: US 60/266,860
40 PRIOR FILING DATE: 2001-02-05
41 NUMBER OF SEQ ID NOS: 15752
42 SOFTWARE: Aecomica Sequence Listing Engine
43 SEQ ID NO 15297
44 LENGTH: 25
45 TYPE: DNA
46 ORGANISM: Homo sapiens
47 US-09-866-108-15297
48
49 Query Match 1.0%; Score 16.6; DB 1; Length 25;
50 Best Local Similarity 82.6%; Pred. N.2.5e+02;
51 Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps
52
53 QY 557 TCAGCGCGCGCTCCGTCGTGC 579
54 ||||| ||||| ||||| ||||| |||||
55 1 TCATCCTCCGCTCCATCGTGC 23
56
57 RESULT 130
58 US-09-827-998-1391
59 Sequence 1391, Application US/09827998
60 Patent No. US20020102252A1
61 GENERAL INFORMATION:
62 APPLICANT: Gu, Yizhong
63 APPLICANT: Shannon, Mark
64 TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
65 FILE REFERENCE: MdhMorf-8
66 CURRENT APPLICATION NUMBER: US/09/827,998
67 CURRENT FILING DATE: 2001-04-06
68 PRIOR APPLICATION NUMBER: US 60/207,456
69 PRIOR FILING DATE: 2000-05-26
70 PRIOR APPLICATION NUMBER: US 60/236,359
71 PRIOR FILING DATE: 2000-09-27
72 NUMBER OF SEQ ID NOS: 1881

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; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1391

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1005 CAACGAGAGGGGAGGAGCTCAAGC 1027
        ||| ||||| ||||| ||||| |||||
Db      3 CAGCAAGAGGAGAGAGGTCACGC 25

RESULT 131
US-09-827-998-1392
; Sequence 1392, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMOREF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1392
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1392

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1005 CAACGAGAGGGGAGGAGCTCAAGC 1027
        ||| ||||| ||||| ||||| |||||
Db      2 CAGCAAGAGGAGAGAGGTCACGC 24

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```

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred.No.2.5e+00;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      557 TCAGCCGCCGCTCCGTCGTGTC 579
          ||| ||| ||| ||| ||| |||
Gb      1 TCATCTCCGCTCCATCGTGC 23

RESULT 130
US-09-827-998-1391
: Sequence 1391, Application US/09827998
: Patent No. US20020102252A1
: GENERAL INFORMATION:
: APPLICANT: Gu, Yizhong
: APPLICANT: Shannon, Mark
: TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
: FILE REFERENCE: MDHMORF-8
: CURRENT APPLICATION NUMBER: US/09/827,998
: CURRENT FILING DATE: 2001-04-06
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: US 60/236,959
: PRIOR FILING DATE: 2000-09-27
: NUMBER OF SEQ ID NOS: 1881

```

```

RESULT 132
US-09-827-998-1393
; Sequence 1393, Application US/09827998
; Patent No. US20030102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL
; FILE REFERENCE: MDhMORT-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1393
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1393

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred No. 2.5e+02;

```

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1005 CAACGAGAGGGAGAGCTCAAGC 1027
|||||
1 CAGCAAGAGGAGAGAGGTCAAGC 23

SULT 133

-10-060-756A-3579/c
Sequence 3579, Application US/10060756A
Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 3579

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

-10-060-756A-3579

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

219 CCTGGATGAGAGTGGTGGTGGTG 241

|||||

25 CCAGGATGTTAGTGATGGTGGTG 3

SULT 134

-10-060-756A-3584/c

Sequence 3584, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/060,756A

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 3584

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-3584

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 216 AGGCTGGATGAGAGTGGTGGTG 238

|||||

DB 23 AGCCAGGATGTTAGTGATGGTG 1

RESULT 135

US-10-215-112-12033/c

Sequence 12033, Application US/10215112

Publication No. US20030082596A1

GENERAL INFORMATION:

APPLICANT: Michael Mittmann

TITLE OF INVENTION: Method of Genetic Analysis of Probes:

TITLE OF INVENTION: Test3

FILE REFERENCE: 3119

CURRENT APPLICATION NUMBER: US/10/215,112

CURRENT FILING DATE: 2002-08-08

NUMBER OF SEQ ID NOS: 14936

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 12033

LENGTH: 25

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide

US-10-215-112-12033

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1136 ACTACTCCACTCAGATTGACATG 1158

|||||

DB 25 ACTACCACACTCAGTGTGACATG 3

RESULT 136

US-10-098-263B-47771/c

Sequence 47771, Application US/10098263B

Publication No. US20030104410A1

GENERAL INFORMATION:

APPLICANT: Mittman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

SEQ ID NO 47771

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapien

US-10-098-263B-47771

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.8%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

-10-675-685-1393

Query Match

Best Local Similarity 1.0%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1005 CAACGAGAGGGGAGAGCTCAAGC 1027

||| ||||| ||||| ||||| |||||

1 CAGCAAGAGGAGAGAGGTCAAGC 23

SULT 142

-10-717-597-2421/c

Sequence 2421, Application US/10717597

Publication No. US20040110221A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Burczynski, Michael E.

APPLICANT: Twine, Natalie C.

APPLICANT: Dörner, Andrew J.

APPLICANT: Trepicchio, William L.

APPLICANT: Slonim, Donna K.

APPLICANT: Stover, Jennifer A.

TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS

FILE REFERENCE: AM101080L

CURRENT APPLICATION NUMBER: US/10/717,597

CURRENT FILING DATE: 2003-11-21

PRIOR APPLICATION NUMBER: US 60/459,782

PRIOR FILING DATE: 2003-04-03

PRIOR APPLICATION NUMBER: US 60/427,982

PRIOR FILING DATE: 2002-11-21

NUMBER OF SEQ ID NOS: 4904

SOFTWARE: PatentIn version 3.2

SEQ ID NO 2421

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

-10-717-597-2421

Query Match

Best Local Similarity 1.0%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

607 CTGAGACCTACATTAAAGCTGGA 629

||| ||||| ||||| ||||| |||||

25 CTGTAGACTGACATTAAAGCAGGA 3

SULT 143

-10-723-361-15293

Sequence 15293, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: Ji, Yonggang

APPLICANT: Penn, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 15293
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-15293

Query Match 1.0%; Score 16.6; DB 1; Length 25;

Best Local Similarity 82.6%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCGTCTGTG 577

||||| ||||| ||||| ||||| |||||

Db 3 CCTCATCTCCGCGCTCCATCGTG 25

RESULT 144

US-10-723-361-15297

; Sequence 15297, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: Ji, Yonggang

; APPLICANT: Penn, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; CURRENT FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine

; SEQ ID NO 15297

; LENGTH: 25


```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-15297

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 557 TCAGCCGCGGCTCGCTCGTGC 579
    ||||| ||||| ||||| |||||
Db 1 TCATCTCCGGCTCACTGTC 23

RESULT 145
US-10-066-965A-30
; Sequence 30, Application US/10066965A
; Publication No. US20030143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: BRENT, ROGER
; APPLICANT: COHEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYPT 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-066-965A-30

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTGGCGGC 246
    ||||| ||||| ||||| |||||
Db 3 AGCGGTGGTGGTGGCGGC 20

RESULT 146
US-10-177-554-47/c
; Sequence 47, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-47

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 120 CGCCATGGATCGGATGAA 137
    ||||| ||||| ||||| |||||
Db 19 CGCCATGGCTCGGATGAA 2
```

```
RESULT 147
US-10-177-554-183
; Sequence 183, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 183
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-183

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 120 CGCCATGGATCGGATGAA 137
    ||||| ||||| ||||| |||||
Db 2 CGCCATGGCTCGGATGAA 19

RESULT 148
US-10-098-263B-40306/c
; Sequence 40306, Application US/10098263B
; Publication No. US2003010410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 40306
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-40306

Query Match      0.9%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 977 GAGACCTCAAGCCCCAGA 994
    ||||| ||||| ||||| |||||
Db 18 GAGACCTCTAGCCCCAGA 1

RESULT 149
US-09-828-034-31/c
; Sequence 31, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
```

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
-09-828-034-31

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

230 GTGTTGGTGGTGGCGGCGAGTG 250
21 GTGTTGGTGGTGGTGGTGGTG 1

SULT 150
-09-726-774-65
Sequence 65, Application US/09726774
Patent No. US20020082226A1
GENERAL INFORMATION:
APPLICANT: Iversen, Patrick L.
TITLE OF INVENTION: Antisense Antibacterial Method and
TITLE OF INVENTION: Composition
FILE REFERENCE: 0450-0032.30
CURRENT APPLICATION NUMBER: US/09/726,774
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 60/168,150
PRIOR FILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 139
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense oligomer
-09-726-774-65

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1439 ATGCCATGAACATCACTCT 1459
1 ATGTCATGCAACATCACTCT 21

SULT 151
-10-184-085A-272/c
Sequence 272, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 272
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
3-10-184-085A-272

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTGGTG 241
21 TGGATGAGAGTGGGAGAGTG 1

RESULT 152
US-10-156-995-213/c
Sequence 213, Application US/10156995
Publication No. US20030211486A1
GENERAL INFORMATION:
APPLICANT: DNA Print Genomics, Inc.
APPLICANT: FRUDAKIS, Tony N.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: PIGMENTATION
FILE REFERENCE: DN1140-7
CURRENT APPLICATION NUMBER: US/10/156,995
CURRENT FILING DATE: 2002-05-28
PRIOR APPLICATION NUMBER: US 60/346,303
PRIOR FILING DATE: 2002-01-02
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/344,418
PRIOR FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 60/323,662
PRIOR FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US 60/310,781
PRIOR FILING DATE: 2001-08-07
PRIOR APPLICATION NUMBER: US 60/300,187
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/293,560
PRIOR FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 224
SOFTWARE: PatentIn version 3.1
SEQ ID NO 213
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-156-995-213

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

863 TGAAGCAGTACCTGGATGACT 883
21 TGAAGCAGTACATGGGTGAGT 1

RESULT 153
US-10-719-633-65
Sequence 65, Application US/10719633
Publication No. US20040137485A1
GENERAL INFORMATION:
APPLICANT: Iversen, Patrick L.
TITLE OF INVENTION: Antisense Antibacterial Method and
TITLE OF INVENTION: Composition
FILE REFERENCE: 0450-0032.30
CURRENT APPLICATION NUMBER: US/10/719,633
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US/09/726,774
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 60/168,150
PRIOR FILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 139
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 21

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-10-719-633-65

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1439 ATGCATGCAACATCCATCT 1459
Db 1 ATGTCATGCAACATCCACTCT 21

RESULT 154
US-10-239-504-26/c
; Sequence 26, Application US/10239504
; Publication No. US20040132018A1

; GENERAL INFORMATION:
; APPLICANT: NAGANO, MAKOTO
; APPLICANT: ITO, MAYUMI
; APPLICANT: SAGEHASHI, YUKIKO
; APPLICANT: HATTORI, HIROAKI
; APPLICANT: EGASHIRA, SHIZUYA
; APPLICANT: MATSUZAWA, YUJI
; TITLE OF INVENTION: METHOD OF DETECTING RISK FACTOR FOR THE ONSET OF
; TITLE OF INVENTION: ARTERIOSCLEROSIS
; FILE REFERENCE: Q72096
; CURRENT APPLICATION NUMBER: US/10/239,504
; CURRENT FILING DATE: 2003-08-06
; PRIOR APPLICATION NUMBER: PCT/JP01/02327
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: JP 2000-84264
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-10-239-504-26

Query Match 0.9%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCACTGAC 252
Db 22 GGTGGTGGTGGGCACTGAC 2

RESULT 155
US-10-731-739-567
; Sequence 567, Application US/10731739
; Publication No. US20040176582A1

; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: Q32796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449

; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 567
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-567

Query Match 0.9%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACCTGGATGAC 882
Db 1 CTGAACCACTACCTGTATGAC 21

RESULT 156
US-10-665-951-1046
; Sequence 1046, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siRNA)
; FILE REFERENCE: 400/131 (MEH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1046
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re
US-10-665-951-1046

Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.6e+02;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTGGCTGGCCGAG 1051
Db 1 GACUUGGCUUGGCCCGG 19

SULT 157
-10-665-951-1370/c
Sequence 1370, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna therapeutics, Inc.
APPLICANT: MCGSwigen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining prior application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1370
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-665-951-1370
Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1033 GACTTTGGCTGGCCGAG 1051
|||||
19 GACTTTGGCTGGCCGGG 1
3-10-181-846-35
Sequence 35, Application US/10181846
Publication No. US20030083297A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowseert
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
FILE REFERENCE: RTSP-0363
CURRENT APPLICATION NUMBER: US/10/181,846
CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: PCT/US01/01416
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: 09/490,692
PRIOR FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176

; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGCGGCA 247
|||||
Db 2 ATTGGAGGTGGTGGCGCA 20
|||||

RESULT 159
US-10-066-965A-31/c
; Sequence 31, Application US/10066965A
; Publication No. US20030143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: BRENT, ROGER
; APPLICANT: COHEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYPT 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-066-965A-31

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGCAGTG 250
|||||
Db 19 GGTGGTGGTGGCGCCAIG 1
|||||

RESULT 160
US-10-211-859-35
; Sequence 35, Application US/10211859
; Publication No. US20040022765A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAN GTPASE ACTIVATING PROTEIN 1 EXPRESSION
; FILE REFERENCE: HTS-0013
; CURRENT APPLICATION NUMBER: US/10/211,859
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-859-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 733 GCACCTGCACGGCATCC 751
Db 1 GCATCTGCATGGCATCC 19

RESULT 161
US-10-212-993-17/c
; Sequence 17, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PTS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-17

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 233 GTGCTGTGGCGGAGTGA 251
Db 20 GTGATGATGGCGGAGTGA 2

RESULT 162
US-10-304-082-15/c
; Sequence 15, Application US/10304082
; Publication No. US20040102401A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF JAGGED 1 EXPRESSION
; FILE REFERENCE: PTS-0037
; CURRENT APPLICATION NUMBER: US/10/304,082
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-082-15

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 877 GATGACTGTGGGAACATCA 895
Db 20 GATAACTGTGGGAACATCA 2

RESULT 163
US-10-304-082-51
; Sequence 51, Application US/10304082
; Publication No. US20040102401A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
```

```
; TITLE OF INVENTION: MODULATION OF JAGGED 1 EXPRESSION
; FILE REFERENCE: PTS-0037
; CURRENT APPLICATION NUMBER: US/10/304,082
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-082-51

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 877 GATGACTGTGGGAACATCA 895
Db 1 GATAACTGTGGGAACATCA 19

RESULT 164
US-10-671-395-514/c
; Sequence 514, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp. K
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 514
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-514

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 507 GGGCTACTGGGAGAGCTG 525
Db 19 GGCCTACCTGGGAGAGCTG 1

RESULT 165
US-10-671-395-525/c
; Sequence 525, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp. K
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 525
; LENGTH: 20
; TYPE: DNA
```

ORGANISM: artificial

FEATURE:

OTHER INFORMATION: Human PGE2 antisense
-10-671-395-525

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

507 GGGCTACCTGGAGAGCTG 525
|||||
20 GGCCTACCTGGGAGAGCTG 2

SULT 166

-10-418-182-98
Sequence 98, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 98

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

-10-418-182-98

Query Match 0.9%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGGCGAGTG 250
|||||
1 GGTGGTGGTGGCGGCGGAGTG 19

RESULT 167

-10-114-270-392/c

Sequence 392, Application US/10114270

Publication No. US20040030110A1

GENERAL INFORMATION:

APPLICANT: Guo, Xiaojia

APPLICANT: Kekuda, Ramesh

APPLICANT: Miller, Charles E.

APPLICANT: Malyankar, Uriel M.

APPLICANT: Spytek, Kimberly A.

APPLICANT: Patturajan, Meera

APPLICANT: Liu, Ziaohong

APPLICANT: Gusev, Vladimir Y.

APPLICANT: Li, Li

APPLICANT: Vernet, Corine

APPLICANT: Zerhusen, Bryan D.

APPLICANT: Gorman, Linda

APPLICANT: Shenoy, Suresh G.

APPLICANT: Pena, Carol E.A.

APPLICANT: Smithson, Glenna

APPLICANT: Burgess, Catherine E.

APPLICANT: Gerlach, Valerie

APPLICANT: Padigaru, Muralidhara

APPLICANT: Shimkets, Richard A.

APPLICANT: Gangolli, Esha A.

APPLICANT: Taupier Jr., Raymond J.

APPLICANT: Casman, Stacie J.

APPLICANT: Ji, Weizhen

APPLICANT: Anderson, David W.
APPLICANT: Liete, Mario W.
APPLICANT: Rastelli, Luca
APPLICANT: Edinger, Shlomit R.
APPLICANT: Stone, David J.
APPLICANT: MacDougall, John R.
APPLICANT: Rothenberg, Mark E.
TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-322C
CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,863
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/281,906
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/282,020
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/282,930
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/283,710
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/284,234
PRIOR FILING DATE: 2001-04-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 470
SEQ ID NO 392
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-114-270-392

Query Match 0.9%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 GTACCTGGACAGGACCTG 864
|||||
DB 20 GTACCTGGAGAGTACCTG 2

RESULT 168

US-09-864-636A-1777

Sequence 1777, Application US/09864636A

Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chenak, LuAnne

TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1777

LENGTH: 23

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-864-636A-1777


```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Computer Generated Probe Sequence.
-09-940-185-3122

Query Match          0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

542 TCTTTGACAGCCCTCAGCGG 563
    ||| ||||| ||||| |||
3 TCTTGGACAGACCTCAACCG 24

SULT 173
-10-092-947A-20/c
Sequence 20, Application US/10092947A
Publication No. US20030134353A1
GENERAL INFORMATION:
APPLICANT: WOLFF, Anne M
APPLICANT: APPEL, Karen F
APPLICANT: PETERSEN, Jesper F
APPLICANT: POULSEN, Ulla
APPLICANT: ARNAU, Jose
APPLICANT: JACOBSEN, Mette D
TITLE OF INVENTION: MOCOR RECOMBINANT GENE EXPRESSION
FILE REFERENCE: WOLFF=3
CURRENT APPLICATION NUMBER: US/10/092,947A
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: US 60/274,650
PRIOR FILING DATE: 2001-03-12
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide primer
FEATURE:
NAME/KEY: misc feature
LOCATION: (7)-(7)
OTHER INFORMATION: n is a, c, g or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (13)-(13)
OTHER INFORMATION: n is a, c, g or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (19)-(19)
OTHER INFORMATION: n is a, c, g or t
-10-092-947A-20

Query Match          0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 52.2%; Pred. No. 3.7e+02;
Matches 12; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

974 ACCGAGACCTCAAGCCCAAGAAC 996
    ||| ||||| ||||| |||
23 AYMGNGAYTNAACCCGARAAY 1

SULT 174
3-09-827-998-544
Sequence 544, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
```

```

; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 544
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-544

Query Match          0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCAAGG 303
    ||| ||||| ||||| |||
Db 1 AACTTCGTTCTGCAAGG 17

RESULT 175
US-09-927-046-1499
; Sequence 1499, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: MCSwiggan, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Avers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1499
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1499

Query Match          0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.7e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1573 TCAGGAGGCCAGCTTT 1589
    :|| ||||| ||||| |||
Db 1 UCAAGCAGGCCAGCUUU 17

RESULT 176
US-10-675-685-544
; Sequence 544, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
```



```

: SEQ ID NO 544
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
US-10-675-685-544

```

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCACGG 303
|||
Db 1 AACTTCGTTCTGCAAGG 17

```

RESULT 177
US-10-138-674-8964
: Sequence 8964, Application US/10138674
: Publication No. US20040077565A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for
: TITLE OF INVENTION: Levels of Vascular E
: FILE REFERENCE: MHB00-876-N (400/049)
: CURRENT APPLICATION NUMBER: US/10138,674
: CURRENT FILING DATE: 2002-05-03
: NUMBER OF SEQ ID NOS: 20822
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 8964
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-10-138-674-8964

```

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy 1032 TGACTTTGGCCTGGCCC 1048
: : : : : : : : : : : : : : : :
Db 1 UGACUUUGGCUUGGCCC 17

```

RESULT 178
US-10-287-949A-8964
Sequence 8964, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for
TITLE OF INVENTION: Levels of Vascular E
FILE REFERENCE: MHHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8964
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-8964

```

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.7e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCCTGGCCC 1048
Db 1 UGACUUUGGCUUGGCCC 17

```

RESULT 179
US-10-189-940-59/c
; Sequence 59, Application US/10189940
; Publication No. US20030129613A1
; GENERAL INFORMATION:
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Shmkets, Richard
; APPLICANT: Anderson, David
; APPLICANT: Padigarou, Muralidhara
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Casman, Stacie
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: No. US20030129613A1el Human Proteins and Polynucleotides Encoding
; FILE REFERENCE: 15966-546 CIP
; CURRENT APPLICATION NUMBER: US/10/189,940
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/303,241
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/369,065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 60/378,730
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 09/965,212
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966,545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/966,546
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544,511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128,514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/186,592
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: CuraSeglist version 0.1
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-189-940-59

```

Query Match	0.9%	Score 15.4;	DB 1;	Length 20;
Best Local Similarity	94.1%	Pred. No. 3.3e+02;		
Matches 16;	Conservative	0;	Mismatches 1;	Indels 0;
			Gaps	0;

QY 865 AAGCAGTACCTGGATGA 881
|||
Db 20 AAGCAGGACCTGGATGA 4

RESULT 180
US-10-024-369-64/c
; Sequence 64, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: RTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369

CURRENT FILING DATE: 2001-12-17
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 64
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-024-369-64

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

839 TCCTTGAGTACTGAC 855
18 TATTGAGTACTGAC 2

SULT 181
-10-109-349A-229
Sequence 229, Application US/10109349A
Publication No. US20030186246A1

GENERAL INFORMATION:
APPLICANT: Medical College of Ohio
APPLICANT: Willey, James C.

APPLICANT: Crawford, Erin L.
TITLE OF INVENTION: MULTIPLE STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION
TITLE OF INVENTION: METHOD FOR ASSESSMENT OF GENE EXPRESSION IN SMALL BIOLOGICAL SAMPLES

FILE REFERENCE: 01154/2001-203

CURRENT APPLICATION NUMBER: US/10/109,349A

CURRENT FILING DATE: 2002-06-12

NUMBER OF SEQ ID NOS: 282

SOFTWARE: Patent in version 3.1

SEQ ID NO 229

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

-10-109-349A-229

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

825 GTCCCTCACCTTGCT 841
4 GTCCCTCCCTTGCT 20

SULT 182
-10-163-272-20/c
Sequence 20, Application US/10163272
Publication No. US20030224517A1

GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION

FILE REFERENCE: RTS-0378

CURRENT APPLICATION NUMBER: US/10/163,272

CURRENT FILING DATE: 2002-06-04

NUMBER OF SEQ ID NOS: 158

SEQ ID NO 20

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-163-272-20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

510 CTACCTGGAGAGCTGA 526

Db 18 CTACCTGGAGAGCTGA 2

RESULT 183

US-10-163-272-97

Sequence 97, Application US/10163272

Publication No. US20030224517A1

GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION

FILE REFERENCE: RTS-0378

CURRENT APPLICATION NUMBER: US/10/163,272

CURRENT FILING DATE: 2002-06-04

NUMBER OF SEQ ID NOS: 158

SEQ ID NO 97

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-163-272-97

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAGCTGA 526

Db 3 CTACCTGGAGAGCTGA 19

RESULT 184

US-10-174-319-20/c

Sequence 20, Application US/10174319

Publication No. US20030232771A1

GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION

FILE REFERENCE: PTS-0018

CURRENT APPLICATION NUMBER: US/10/174,319

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 121

SEQ ID NO 20

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-174-319-20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 971 TACATCGAGACCTCAAG 987

Db 17 TACATCGAGACCTCAAG 1

RESULT 185

US-10-174-319-90

Sequence 90, Application US/10174319

Publication No. US20030232771A1

GENERAL INFORMATION:

APPLICANT: Donna T. Ward

APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION

FILE REFERENCE: PTS-0018

CURRENT APPLICATION NUMBER: US/10/174,319

CURRENT FILING DATE: 2002-06-17

; NUMBER OF SEQ ID NOS: 121

SEQ ID NO 90

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-174-319-90

Query Match

Best Local Similarity 0.9%; Score 15.4; DB 1; Length 20;

Mismatches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 971 TACACGAGACCTCAAG 987

|||||

4 TACATCGAGACCTCAAG 20

|||||

RESULT 186

US-10-177-554-23/c

; Sequence 23, Application US/10177554

; Publication No. US20030235911A1

; GENERAL INFORMATION:

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION

; FILE REFERENCE: RTS-0370

; CURRENT APPLICATION NUMBER: US/10/177,554

; CURRENT FILING DATE: 2002-06-20

; NUMBER OF SEQ ID NOS: 239

SEQ ID NO 23

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-177-554-23

Query Match

Best Local Similarity 0.9%; Score 15.4; DB 1; Length 20;

Mismatches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 AGGACCTGAAGCAGTAC 873

|||||

19 AGGACCTGAAGAGTAC 3

RESULT 187

US-10-177-554-165

; Sequence 165, Application US/10177554

; Publication No. US20030235911A1

; GENERAL INFORMATION:

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION

; FILE REFERENCE: RTS-0370

; CURRENT APPLICATION NUMBER: US/10/177,554

; CURRENT FILING DATE: 2002-06-20

; NUMBER OF SEQ ID NOS: 239

SEQ ID NO 165

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-177-554-165

Query Match

Best Local Similarity 0.9%; Score 15.4; DB 1; Length 20;

Mismatches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 857 AGGACCTGAAGCAGTAC 873

|||||

2 AGGACCTGAAGAGTAC 19

RESULT 188

US-10-210-589-27/c

; Sequence 27, Application US/10210589

; Publication No. US20040023381A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Nicholas M. Dean

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP2R1A EXPRESSION

; FILE REFERENCE: PFS-0041

; CURRENT APPLICATION NUMBER: US/10/210,589

; CURRENT FILING DATE: 2002-07-30

; NUMBER OF SEQ ID NOS: 122

SEQ ID NO 27

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-210-589-27

Query Match

Best Local Similarity 0.9%; Score 15.4; DB 1; Length 20;

Mismatches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 513 CCTCGAGAGCTGACCC 529

|||||

18 CCTAGAGAGCTGACCC 2

RESULT 189

US-10-428-275-418/c

; Sequence 418, Application US/10428275

; Publication No. US20040067505A1

; GENERAL INFORMATION:

; APPLICANT: Alvarez et al.

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS

; FILE REFERENCE: 21402-585

; CURRENT APPLICATION NUMBER: US/10/428,275

; CURRENT FILING DATE: 2003-05-01

; PRIOR APPLICATION NUMBER: 09/966545

; PRIOR FILING DATE: 2001-09-26

; PRIOR APPLICATION NUMBER: 09/544511

; PRIOR FILING DATE: 2000-04-06

; PRIOR APPLICATION NUMBER: 60/128514

; PRIOR FILING DATE: 1999-04-09

; PRIOR APPLICATION NUMBER: 09/569269

; PRIOR FILING DATE: 2000-05-11

; PRIOR APPLICATION NUMBER: 60/134315

; PRIOR FILING DATE: 1999-05-14

; PRIOR APPLICATION NUMBER: 09/619252

; PRIOR FILING DATE: 2000-07-19

; PRIOR APPLICATION NUMBER: 09/789390

; PRIOR FILING DATE: 2001-02-23

; PRIOR APPLICATION NUMBER: 60/185548

; PRIOR FILING DATE: 2000-02-25

; NUMBER OF SEQ ID NOS: 450

; SOFTWARE: CuraSeqlist version 0.1

SEQ ID NO 418

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

US-10-428-275-418

Query Match

Best Local Similarity 0.9%; Score 15.4; DB 1; Length 20;

Mismatches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 AAGCAGTACCTGATGA 881

|||||

20 AAGCAGGACCTGGATGA 4

SULT 190
-10-292-849-32/c
Sequence 32, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGAGGCC 265
19 TGATCTGGAGAGGCC 3

SULT 191
-10-292-849-102
Sequence 102, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGAGGCC 265
2 TGATCTGGAGAGGCC 18

SULT 192
-10-671-074-21/c
Sequence 21, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGAGGCC 265
2 TGATCTGGAGAGGCC 18

SULT 193
-10-671-074-101
Sequence 101, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 101
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1381 GCCGACCTCTCACCAC 1397
4 GCCGACCTCATCACCAC 20

SULT 194
-10-316-755-100
Sequence 100, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 100
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;

1381 GCCGACCTCTCACCAC 1397
4 GCCGACCTCATCACCAC 20

SULT 195
-10-316-755-100
Sequence 100, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 100
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;

1381 GCCGACCTCTCACCAC 1397
4 GCCGACCTCATCACCAC 20

20 AAGCAGGACCTGGATGA 4

SULT 190
-10-292-849-32/c
Sequence 32, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGAGGCC 265
19 TGATCTGGAGAGGCC 3

SULT 191
-10-292-849-102
Sequence 102, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
FILE REFERENCE: RTS-0170
CURRENT APPLICATION NUMBER: US/10/292,849
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 102
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGAGGCC 265
2 TGATCTGGAGAGGCC 18

SULT 192
-10-671-074-21/c
Sequence 21, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

249 TGACCTGGAGAGGCC 265
2 TGATCTGGAGAGGCC 18

SULT 193
-10-671-074-101
Sequence 101, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1381 GCCGACCTCTCACCAC 1397
4 GCCGACCTCATCACCAC 20

SULT 194
-10-316-755-100
Sequence 100, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 100
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;

1381 GCCGACCTCTCACCAC 1397
4 GCCGACCTCATCACCAC 20

SULT 195
-10-316-755-100
Sequence 100, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 100
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.9%; Score 15.4; DB 1; Length 20;

1381 GCCGACCTCTCACCAC 1397
4 GCCGACCTCATCACCAC 20

```
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; US-10-663-452-97

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1038 TGGCTGGCCCGAGCCA 1054
      |||||
Db      4 TGGCTGGCCCGGGCCA 20

RESULT 195
US-10-755-231/c
; Sequence 231, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: RTS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: R. norvegicus
; FEATURE:
; US-10-316-755-231

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1038 TGGCTGGCCCGAGCCA 1054
      |||||
Db      17 TGGCTGGCCCGGGCCA 1

RESULT 196
US-10-663-452-20/c
; Sequence 20, Application US/10663452
; Publication No. US20040132681A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-663-452-20

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 510 CTACCTGGAGAGCTGA 526
      |||||
Db      18 CTACCTGGAGATGCTGA 2

RESULT 197
US-10-663-452-97
; Sequence 97, Application US/10663452
; Publication No. US20040132681A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
```

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; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; US-10-663-452-97

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 510 CTACCTGGAGAGCTGA 526
      |||||
Db      3 CTACCTGGAGATGCTGA 19

RESULT 198
US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. US20020099196A1
; GENERAL INFORMATION:
; APPLICANT: Hiraoka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: Mio, Hiroyuki
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
```

-09-065-040-6

Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

614 CCTACATTAAAGCTGGAC 630
19 CCTGCAATTAAAGCTGGAC 3

SULT 199

-10-002-309B-13

Sequence 13, Application US/10002309B
Publication No. US20020160433A1

GENERAL INFORMATION:
APPLICANT: WISCONSIN ALUMNI RESEARCH FOUNDATION
TITLE OF INVENTION: E. COLI O157:H7 C1 ESTERASE INHIBITOR-BINDING PROTEIN AND METHODS
FILE REFERENCE: 096429-9117
CURRENT APPLICATION NUMBER: US/10/002,309B
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 60/243,675
PRIORITY FILING DATE: 2000-10-26
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Synthetic Oligonucleotide

-10-002-309B-13

Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1220 CGGTGGAGGACAGCTA 1236
1 CGGTGGAGGACGGCTA 17

SULT 200

-10-361-002-13/c

Sequence 13, Application US/10361002
Publication No. US20040170981A1

GENERAL INFORMATION:
APPLICANT: Clearant, Inc.
APPLICANT: McKenney, Keith
APPLICANT: Gillmeister, Lidja
APPLICANT: Marlowe, Kristina
APPLICANT: Armistead, David
TITLE OF INVENTION: Pathogen Inactivation Assay
FILE REFERENCE: CI-0043
CURRENT APPLICATION NUMBER: US/10/361,002
CURRENT FILING DATE: 2003-02-10
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: B19 virus

-10-361-002-13

Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1226 AGGACAGCTACACTTC 1242
19 AGGCACAGCTACACTTC 3

3SULT 201

3-10-361-004-13/c

Sequence 13, Application US/10361004
Publication No. US20040170981A1

GENERAL INFORMATION:
APPLICANT: Clearant, Inc.
APPLICANT: McKenney, Keith
APPLICANT: Gillmeister, Lidja
APPLICANT: Marlowe, Kristina
APPLICANT: Armistead, David
TITLE OF INVENTION: Real-Time Polymerase Chain Reaction Using Large Target Amplicons
FILE REFERENCE: CI-0042
CURRENT APPLICATION NUMBER: US/10/361,004
CURRENT FILING DATE: 2003-02-10
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: B19 virus

US-10-361-004-13

Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1226 AGGACAGCTACACTTC 1242
DB 19 AGGCACAGCTACACTTC 3

RESULT 202

US-09-791-406-54/c

Sequence 54, Application US/09791406
Patent No. US20020147165A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Robert Rothlein
APPLICANT: Takashi Kei Kishimoto
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 54
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-791-406-54

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CATCTTTGACAAAGCCCTCA 559
DB 20 CATCTTTGACAACTTCCTCA 1

RESULT 203

US-09-945-952A-9/c

Sequence 9, Application US/09945952A
Publication No. US20020177137A1

GENERAL INFORMATION:
APPLICANT: Hodge, Timothy A.
TITLE OF INVENTION: System for Automated Transgenic Screening
FILE REFERENCE: 023131.41500
CURRENT APPLICATION NUMBER: US/09/945,952A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/230,371
PRIOR FILING DATE: 2000-06-09
NUMBER OF SEQ ID NOS: 40

```
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 9
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Mus sp.
US-09-945-952A-9

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1593 CGTGGTGACACCGAGTTCT 1612
      ||||| ||||| |||||
Cb 20 CGTGGTGACACCGGTGTAT 1

RESULT 204
US-09-945-952A-40/c
? Sequence 40, Application US/09945952A
? Publication No. US20020177137A1
? GENERAL INFORMATION:
? APPLICANT: Hodge, Timothy A.
? TITLE OF INVENTION: System for Automated Transgenic Screening
? FILE REFERENCE: 023131.41500
? CURRENT APPLICATION NUMBER: US/09/945,952A
? PRIOR FILING DATE: 2001-12-06
? PRIOR APPLICATION NUMBER: 60/230,371
? PRIOR FILING DATE: 2000-06-09
? NUMBER OF SEQ ID NOS: 40
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 40
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Mus sp.
US-09-945-952A-40

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1593 CGTGGTGACACCGAGTTCT 1612
      ||||| ||||| |||||
Cb 20 CGTGGTGACACCGGTGTAT 1

RESULT 205
US-09-961-077-1259/c
? Sequence 1259, Application US/09961077
? Publication No. US20030014775A1
? GENERAL INFORMATION:
? APPLICANT: Zwick, Michael G.
? TITLE OF INVENTION: COMPOSITION AND METHODS FOR
? MODULATION OF GENE EXPRESSION
? IN PLANTS
? NUMBER OF SEQUENCES: 1263
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Lyon & Lyon
? STREET: 633 West Fifth Street
? Suite 4700
? CITY: Los Angeles
? STATE: California
? COUNTRY: U.S.A.
? ZIP: 90071-2066
? COMPUTER READABLE FORM:
? MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
```

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? storage
? COMPUTER: IBM Compatible
? OPERATING SYSTEM: IBM P.C. DOS 5.0
? SOFTWARE: Word Perfect 5.1
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/09/961,077
? FILING DATE: 21-Sep-2001
? CLASSIFICATION: <Unknown>
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 08/679,645
? FILING DATE: July 12, 1996
? APPLICATION NUMBER: 60/001,135
? FILING DATE: July 13, 1995
? APPLICATION NUMBER: 08/300,726
? FILING DATE: September 2, 1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Warburg, Richard J.
? REGISTRATION NUMBER: 32,327
? REFERENCE/DOCKET NUMBER: 219/247
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (213) 489-1600
? TELEFAX: (213) 955-0440
? TELEX: 67-3510
? INFORMATION FOR SEQ ID NO: 1259:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 20 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? SEQUENCE DESCRIPTION: SEQ ID NO: 1259:
US-09-961-077-1259

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 377 CTTGAGCCAGTCTCGGAT 396
      ||||| ||||| |||||
Cb 20 CATCAGCCAGGATCGGAT 1

RESULT 206
US-09-760-285-40
? Sequence 40, Application US/09760285
? Publication No. US20030091997A1
? GENERAL INFORMATION:
? APPLICANT: Nicolaides, Nicholas C
? APPLICANT: Grasso, Luigi
? APPLICANT: Sassi, Philip M
? TITLE OF INVENTION: CHEMICAL INHIBITORS OF MISMATCH REPAIR
? FILE REFERENCE: MOR-0017
? CURRENT APPLICATION NUMBER: US/09/760,285
? CURRENT FILING DATE: 2001-01-15
? NUMBER OF SEQ ID NOS: 44
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 40
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
? OTHER INFORMATION: primer
US-09-760-285-40

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1723 CATGTTCACTGCCCACTTG 1742
      ||||| ||||| |||||
Cb 1 CATGTTCACTGCCCACTG 20
```

```
SU1T 207
-09-918-026A-48
Sequence 48, Application US/09918026A
Publication No. US20030096772A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2 EX
FILE REFERENCE: ISPH-0588
CURRENT APPLICATION NUMBER: US/09/918,026A
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 65
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-918-026A-48

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

938 GTGGCTGGCTGCTACCGCCAC 957
|||||
1 GCGGCTGGCCACACGCCAC 20

SU1T 208
-10-035-485A-60/c
Sequence 60, Application US/10035485A
Publication No. US20030105044A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowert
TITLE OF INVENTION: ANTISENSE MODULATION OF MATRIX METALLOPROTEINASE 1 EXPRESSION
FILE REFERENCE: RTS-0139
CURRENT APPLICATION NUMBER: US/10/035,485A
CURRENT FILING DATE: 2001-10-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-035-485A-60

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

962 AGAAGTGTCTACACCGAGAC 981
|||||
20 AGAATGTCTACCGGATAC 1

SU1T 209
-10-233-942-9/c
Sequence 9, Application US/10233942
Publication No. US20030165922A1
GENERAL INFORMATION:
APPLICANT: Hodge, Timothy et al
FILE REFERENCE: 023131.41500
CURRENT APPLICATION NUMBER: US/10/233,942
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/230,371
PRIOR FILING DATE: 2000-06-09
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn version 3.1

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

962 AGAAGTGTCTACACCGAGAC 981
|||||
20 AGAATGTCTACCGGATAC 1

SU1T 210
-10-233-942-40/c
Sequence 40, Application US/10233942
Publication No. US20030165922A1
GENERAL INFORMATION:
APPLICANT: Hodge, Timothy et al
FILE REFERENCE: 023131.41500
CURRENT APPLICATION NUMBER: US/10/233,942
CURRENT FILING DATE: 2002-09-03
PRIOR APPLICATION NUMBER: 60/230,371
PRIOR FILING DATE: 2000-06-09
NUMBER OF SEQ ID NOS: 40
SOFTWARE: PatentIn version 3.1
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Mus sp.
US-10-233-942-40

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1593 CGTGGTGACACCGAGTTCT 1612
|||||
20 CGTGGTGACACCGAGTTAT 1

SU1T 211
-10-238-442-29/c
Sequence 29, Application US/10238442
Publication No. US20030176383A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/10/238,442
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-10-238-442-29

Query Match          0.9%; Score 15.2; DB 1; Length 20;
```



```
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 764 TGCTCAAGGACCTCAAAACAC 783
    ||||| ||||| ||||| |||||
Cb 20 TGCTCAAGCACCTGAAGCAC 1

RESULT 212
US-10-380-931-172
; Sequence 172, Application US/10380931
; Publication No. US20030215944A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTSP-0187
; CURRENT APPLICATION NUMBER: US/10/380,931
; PRIOR FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 09/676,610
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 172
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-172

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 950 ACTGCCACCGCAGAGGTG 969
    ||||| ||||| ||||| |||||
Cb 1 AATGCCACCGCAGAGGTG 20

RESULT 213
US-10-159-856-69
; Sequence 69, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRE
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-69

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1566 GCCTGACTCAGGCGCCAG 1585
    ||||| ||||| ||||| |||||
Cb 1 GCCAAACTCAGCCAGGCCAG 20

RESULT 214
US-10-159-856-123/c
; Sequence 123, Application US/10159856
```

```
Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRES
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-856-123

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1566 GCCTGACTCAGGCGCCAG 1585
    ||||| ||||| ||||| |||||
Cb 20 GCCAAACTCAGCCAGGCCAG 1

RESULT 215
US-10-174-771-50
; Sequence 50, Application US/10174771
; Publication No. US2003023034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-50

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 585 ATCTGAGATTGGCTTTGGGA 604
    ||||| ||||| ||||| |||||
Cb 1 ATCTGGGATTGGCTCTGGAA 20

RESULT 216
US-10-174-771-120/c
; Sequence 120, Application US/10174771
; Publication No. US2003023034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-771-120

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
```

```
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

585 ATCTGAGATTGGCTTTGGGA 604
||||| ||||| ||||| |||||
20 ATCTGGGATTGGCTCTGGAA 1

SULT 217
-10-188-779A-50/c
Sequence 50, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PTS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-779A-50

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1086 GGTGTGACACTGTGTACC 1105
||||| ||||| ||||| |||||
20 GGTGTGACACTGTGTACC 1

SULT 218
-10-188-779A-200
Sequence 200, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PTS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 200
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
-10-188-779A-200

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1086 GGTGTGACACTGTGTACC 1105
||||| ||||| ||||| |||||
20 GGTGTGACACTGTGTACC 20

SULT 219
-10-177-896-26
Sequence 26, Application US/10177896
Publication No. US20040005705A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
```

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FILE REFERENCE: PTS-0045
CURRENT APPLICATION NUMBER: US/10/177,896
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-26

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 GCACGCCATCCGGGAAGTG 759
||||| ||||| ||||| |||||
DB 1 GCACGCCCTCTCTGGAAGTG 20

RESULT 220
US-10-177-896-60/c
Sequence 60, Application US/10177896
Publication No. US20040005705A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
FILE REFERENCE: PTS-0045
CURRENT APPLICATION NUMBER: US/10/177,896
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-177-896-60

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 GCACGCCATCCGGGAAGTG 759
||||| ||||| ||||| |||||
DB 20 GCACGCCCTCTCTGGAAGTG 1

RESULT 221
US-10-189-266-25/c
Sequence 25, Application US/10189266
Publication No. US20040006029A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
FILE REFERENCE: RTS-0384
CURRENT APPLICATION NUMBER: US/10/189,266
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 150
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-25

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 710 TCAGACTGGACATGAAGAG 729
    ||||| ||| |||||
Db 20 TCAGACTAGAAAGTGAAGAG 1

RESULT 222
US-10-189-266-52/c
; Sequence 52, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-52

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1031 CTGACTTGGCTGGCCCGA 1050
    ||||| ||||| |||||
Db 1 CTGATTTGGCCTTGCCAGA 20

RESULT 223
US-10-199-199-58/c
; Sequence 58, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-58

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1031 CTGACTTGGCTGGCCCGA 1050
    ||||| ||||| |||||
Db 20 CTGATTTGGCCTTGCCAGA 1

RESULT 224
US-10-189-266-119
; Sequence 119, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-119

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 710 TCAGACTGGACATGAAGAG 729
    ||||| ||||| |||||
Db 1 TCAGACTAGAAAGTGAAGAG 20

RESULT 225
US-10-295-471-41/c
; Sequence 41, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-295-471-41

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 967 GTGCTACCGAGACCTCAA 986
    ||||| ||||| |||||
Db 20 GTGATGCACCGAGACATCAA 1

RESULT 226
US-10-295-471-41/c
; Sequence 41, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-295-471-41

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 967 GTGCTACCGAGACCTCAA 986
    ||||| ||||| |||||
Db 20 GTGATGCACCGAGACATCAA 1
```

```
SULT 227
-10-295-471-112
Sequence 112, Application US/10295471
Publication No. US20040097441A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0368
CURRENT APPLICATION NUMBER: US/10/295,471
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 147
SEQ ID NO 112
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-295-471-112
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
967 GTGCTACACCGAGACTCAA 986
|||||
1 GTGATGCACCGAGACATCAA 20
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
FILE REFERENCE: RTS-0418
CURRENT APPLICATION NUMBER: US/10/303,635
CURRENT FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 257
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-303-635-74
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
149 GGCAGCTGTCAATGCACATC 168
|||||
1 GGCAGCTGGCAATGCCATC 20
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 242
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-242
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 505 GAGGGCTACCTGGAGAGCT 524
|||||
Db 20 GTGGCCTACTCTGGGAGAGCT 1
GENERAL INFORMATION:
APPLICANT: Webb & Associates
TITLE OF INVENTION: Method of Screening for Inhibitors of Phospholipid Synthesis Related to Storage Diseases
FILE REFERENCE: 85189-4200
CURRENT APPLICATION NUMBER: US/10/342,311
CURRENT FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: unknown
US-10-342-311-8
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 348 GATGGGTCTGATGGGAGA 367
|||||
Db 1 GATGATGCTGTGATGGAGA 20
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Kai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-29

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAACAC 783
Db 20 TGCTCAAGGACCTCAAGCAC 1

RESULT 232
US-10-476-962-163/c
; Sequence 163, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: PFS-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOP APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-163

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGGCTGACTTGGCTGGCC 1047
Db 20 TGGCCGACTTGGTGGCC 1

RESULT 233
US-09-174-186-4
; Sequence 4, Application US/09174186
; Patent No. US20010006664A1
; GENERAL INFORMATION:
; APPLICANT: Ensley, Burt
; TITLE OF INVENTION: Recombinant Hair Treatment Compositions
; FILE REFERENCE: 2001605-0002 (Keratin)
; CURRENT APPLICATION NUMBER: US/09/174,186
; CURRENT FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-174-186-4

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1468 CTGGGGAGCGGATCCCAA 1487
Db 1 CTGGGGAGCGGATCCCTCCA 20

RESULT 234
US-09-828-034-11/c
; Sequence 11, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-11

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGCGGCAGT 249
Db 20 GTGGTGGTGGTGGTGGT 1

RESULT 235
US-09-828-034-30/c
; Sequence 30, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-30

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGCAGT 250
Db 21 TGGTGGTGGTGGTGGTGGT 2

RESULT 236
US-09-943-388-21
; Sequence 21, Application US/09943388
; Patent No. US20020160953A1
; GENERAL INFORMATION:
```

APPLICANT: Holloway, James L.
APPLICANT: Webster, Philippa J.
APPLICANT: Thayer, Edward C.
TITLE OF INVENTION: Mammalian Glycoprotein Hormone-1
FILE REFERENCE: 00-34

CURRENT APPLICATION NUMBER: US/09/943,388
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: 09/839,706
PRIOR APPLICATION NUMBER: 2000-04-25
PRIOR APPLICATION NUMBER: US 60/199,498
PRIOR APPLICATION NUMBER: 2000-04-25
NUMBER OF SEQ ID NOS: 44

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

-09-943-388-21

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

163 ACATCCGAGGTGGCGGAGG 182
|||||
2 ACATCCGAGGTGGCGAGTGG 21

SULT 237

-09-835-371-1/c

Sequence 1, Application US/09835371
Publication No. US20020187473A1

GENERAL INFORMATION:

APPLICANT: UHLMANN, Eugen

APPLICANT: BREIPOHL, Gerhard

APPLICANT: WILH, David W

TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM

FILE REFERENCE: 02481.1743 SEQUENCE LISTING

CURRENT APPLICATION NUMBER: US/09/835,371

CURRENT FILING DATE: 2001-04-17

NUMBER OF SEQ ID NOS: 53

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 1

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: base sequence

OTHER INFORMATION: of PNA targeting viral or cellular targets

-09-835-371-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATCAAGAGATCAAAACG 149
|||||
21 CGCAAGAGAGAGAGCAACG 2

SULT 238

-09-996-263-18/c

Sequence 18, Application US/09996263
Publication No. US20030004325A1

GENERAL INFORMATION:

APPLICANT: Phillip Dan Cook

APPLICANT: Andrew Kawasaki

TITLE OF INVENTION: Sugar Modified Oligonucleotides

NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1ris

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/996,263
FILING DATE: 28-No. US20030004325A1-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/471,973

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Joseph Lucci

REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: ISIS-2005

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: Yes

SEQUENCE DESCRIPTION: SEQ ID NO: 18:

US-09-996-263-18

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATCAAGAGATCAAAACG 149
|||||
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 239

US-09-996-263-19/c

Sequence 19, Application US/09996263

Publication No. US20030004325A1

GENERAL INFORMATION:

APPLICANT: Phillip Dan Cook

APPLICANT: Andrew Kawasaki

TITLE OF INVENTION: Sugar Modified Oligonucleotides

NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1ris

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 720 Kb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/996,263

FILING DATE: 28-No. US20030004325A1-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/471,973

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Joseph Lucci

REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: ISIS-2005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-996-263-19

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| |||||
DB 21 CGCAAGAAGAAGAGCAACG 2

RESULT 240
US-09-754-066-13
Sequence 13, Application US/09754066
Publication No. US20030013669A1
GENERAL INFORMATION:
APPLICANT: BUCROGLU, ARSINUR
TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION
AND RELATED SECONDARY INFECTIONS THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/754,066
FILING DATE: 05-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/848,013
FILING DATE: 2001-05-07
APPLICATION NUMBER: 07/830,886
FILING DATE: 04-FEB-1992
APPLICATION NUMBER: 07/748,277
FILING DATE: 21-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 02939, 04541
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-754-066-13

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTCCACCGGCAGAGGTG 969
||||| ||||| |||||
DB 1 AGTGCAACCGGCAGAGGTG 20

RESULT 241
US-09-835-370-1/c
Sequence 1, Application US/09835370
Publication No. US20030022172A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, EUGEN
APPLICANT: BREIPOHL, GERHARD
APPLICANT: WULL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1742 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/835,370
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: nucleotide
OTHER INFORMATION: base sequence of PNA derivatives that bind to
OTHER INFORMATION: viral and cellular targets
US-09-835-370-1

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
DB 21 CGCAAGAAGAAGAGCAACG 2

RESULT 242
US-09-902-953-3/c
Sequence 3, Application US/09902953
Publication No. US20030096770A1
GENERAL INFORMATION:
APPLICANT: Krotz, Achim
APPLICANT: Mehta, Rahul
TITLE OF INVENTION: Enhancement Of The Stability Of Oligonucleotides Comprising
Phosphorothioate Linkages By Addition Of Water Soluble Antioxidar
FILE REFERENCE: ISIS-4797
CURRENT APPLICATION NUMBER: US/09/902,953
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Antisense Oligonucleotide
US-09-902-953-3

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
DB 21 CGCAAGAAGAAGAGCAACG 2


```
RESULT 247
US-10-029-598-56/c
; Sequence 56, Application US/10029598
; Publication No. US20030040497A1
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. US20030040497A1-Parental Delivered
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 56
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(7)
; OTHER INFORMATION: 2'-O-methoxyethyl
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc_feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc_feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc_feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc_feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc_feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc_feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-56

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 130 CGGATGAAGAAGATCAACG 149
    ||| ||||| |||||
Db  21 CGCAAGAAGAAGAGCAACG 2

RESULT 248
US-10-262-318-1/c
; Sequence 1, Application US/10262318
; Publication No. US20030144198A1
; GENERAL INFORMATION:
; APPLICANT: Copharos
; APPLICANT: Collins, Douglas A.
; TITLE OF INVENTION: ADMINISTRATION OF TRANSPORT PROTEINS WITH CONJUGATED COBALAMIN T
; TITLE OF INVENTION: DELIVER AGENTS
```

```
; FILE REFERENCE: COP1012
; CURRENT APPLICATION NUMBER: US/10/262,318
; CURRENT FILING DATE: 2002-09-30
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Vitravene (fomivirsen)
US-10-262-318-1

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 130 CGGATGAAGAAGATCAACG 149
    ||| ||||| |||||
Db  21 CGCAAGAAGAAGAGCAACG 2

RESULT 249
US-10-262-318-14/c
; Sequence 14, Application US/10262318
; Publication No. US20030144198A1
; GENERAL INFORMATION:
; APPLICANT: Copharos
; APPLICANT: Collins, Douglas A.
; TITLE OF INVENTION: ADMINISTRATION OF TRANSPORT PROTEINS WITH CONJUGATED COBALAMIN T
; TITLE OF INVENTION: DELIVER AGENTS
; FILE REFERENCE: COP1012
; CURRENT APPLICATION NUMBER: US/10/262,318
; CURRENT FILING DATE: 2002-09-30
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide- ISIS 13312
; NAME/KEY: modified_base
; LOCATION: (1)..(5)
; OTHER INFORMATION: 2'-O(CH2)2OCH3 sugar modifications
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)..(20)
; OTHER INFORMATION: 2'-O(CH2)2OCH3 sugar modifications
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (2)..(2)
; OTHER INFORMATION: 5-methyl substituted
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (8)..(8)
; OTHER INFORMATION: 5-methyl substituted
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)..(10)
; OTHER INFORMATION: 5-methyl substituted
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (13)..(13)
; OTHER INFORMATION: 5-methyl substituted
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (16)..(16)
; OTHER INFORMATION: 5-methyl substituted
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (20)..(20)
```

OTHER INFORMATION: 5-methyl substituted
-10-262-318-14

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAAAACG 149
||| ||||| ||||| |||||
21 CGCAAGAAGAGAGCAAAACG 2

RESULT 250

-10-290-587-3/c
Sequence 3, Application US/10290587
Publication No. US20030149260A1
GENERAL INFORMATION:
APPLICANT: Cheruvallath, Zacharia S.
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Cole, Douglas L.
TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds
FILE REFERENCE: ISIS-5108
CURRENT APPLICATION NUMBER: US/10/290,587
PRIOR FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: 10/016,465
PRIOR FILING DATE: 2001-12-11
PRIOR APPLICATION NUMBER: 09/349,659
PRIOR FILING DATE: 1999-07-08
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
-10-290-587-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAAAACG 149
||| ||||| ||||| |||||
21 CGCAAGAAGAGAGCAAAACG 2

RESULT 251

-10-140-013-9/c
Sequence 9, Application US/10140013
Publication No. US20030181406A1
GENERAL INFORMATION:
APPLICANT: Jorg Vollmer
APPLICANT: Christian Schetter
TITLE OF INVENTION: CPG-LIKE NUCLEIC ACIDS AND METHODS OF
FILE REFERENCE: C01041/70019 (AWS)
CURRENT APPLICATION NUMBER: US/10/140,013
PRIOR FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: US 60/254,341
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: PCT/US01/48281
PRIOR FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
-10-140-013-9

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
||| ||||| ||||| |||||
DB 21 CGCAAGAAGAGAGCAAAACG 2

RESULT 252

US-10-140-013-13/c
Sequence 13, Application US/10140013
Publication No. US20030181406A1
GENERAL INFORMATION:
APPLICANT: Christian Schetter
APPLICANT: Jorg Vollmer
TITLE OF INVENTION: CPG-LIKE NUCLEIC ACIDS AND METHODS OF
FILE REFERENCE: C01041/70019 (AWS)
CURRENT APPLICATION NUMBER: US/10/140,013
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: US 60/254,341
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: PCT/US01/48281
PRIOR FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: modified_base
LOCATION: (2)...(2)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (10)...(10)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (13)...(13)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (16)...(16)
OTHER INFORMATION: m5c
FEATURE:
NAME/KEY: modified_base
LOCATION: (20)...(20)
OTHER INFORMATION: m5c
US-10-140-013-13

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
||| ||||| ||||| |||||
DB 21 CGCAAGAAGAGAGCAAAACG 2

RESULT 253

US-10-352-586-18/c
Sequence 18, Application US/10352586
Publication No. US20030187240A1
GENERAL INFORMATION:

PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.2
SEQ ID NO 34
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
-10-318-628-34

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAAAACG 149
||| ||||| |||||
21 CGCAAGAGAGAGCAACG 2

RESULT 258
-10-318-628-41/c
Sequence 41, Application US/10318628
Publication No. US20030191304A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Sandhvi, Yogesh
TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
FILE REFERENCE: ISIS4855
CURRENT APPLICATION NUMBER: US/10/318,628
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: 09/177,953
PRIOR FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: 60/087,757
PRIOR FILING DATE: 1998-06-02
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.2
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
-10-318-628-41

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAAAACG 149
||| ||||| |||||
21 CGCAAGAGAGAGCAACG 2

RESULT 259
-10-181-200-3/c
Sequence 3, Application US/10181200
Publication No. US20030212267A1
GENERAL INFORMATION:
APPLICANT: Cole, Douglas L.
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
LOCATION: (1)-(21)
OTHER INFORMATION: phosphorothioate 21-mer
US-10-181-200-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
||| ||||| |||||
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 260
US-10-181-200-7/c
Sequence 7, Application US/10181200
Publication No. US20030212267A1
GENERAL INFORMATION:
APPLICANT: Cole, Douglas L.
APPLICANT: Ravikumar, Vasulunga T.
APPLICANT: Cheruvallath, Zacharia S.
TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4709
CURRENT APPLICATION NUMBER: US/10/181,200
CURRENT FILING DATE: 2002-12-12
PRIOR APPLICATION NUMBER: PCT/US01/00715
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: US 09/481,486
PRIOR FILING DATE: 2000-01-11
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
LOCATION: (1)-(1)
OTHER INFORMATION: 2'-methoxyethyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (15)-(15)
OTHER INFORMATION: 2'-methoxyethyl
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(21)
OTHER INFORMATION: phosphorothioate 21-mer
US-10-181-200-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
||| ||||| |||||
DB 21 CGCAAGAGAGAGCAACG 2

RESULT 261
US-10-418-182-110
Sequence 110, Application US/10418182
Publication No. US20030228302A1

```

; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 110
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-110

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 231 TGGTGTGTGTGGCGGCAGTG 250
      ||||| ||||| || |||
Db 1 TGGTGTGTGTGGTGGTG 20

RESULT 262
US-10-444-445-3/c
; Sequence 3, Application US/1044445
; Publication No. US20030229220A1
; GENERAL INFORMATION:
; APPLICANT: Capaldi, Daniel C
; APPLICANT: Ravikumar, Vasulunga T
; APPLICANT: Cole, Douglas L
; TITLE OF INVENTION: Processes For The Synthesis Of Oligomers Using Phosphoramidite
; FILE REFERENCE: IS15196
; CURRENT APPLICATION NUMBER: US/10/444,445
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/306,278
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-444-445-3

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAGAGAGATCAACG 149
      ||| ||||| ||||| |||||
Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 263
US-10-628-109-165
; Sequence 165, Application US/10628109
; Publication No. US20040101886A1
; GENERAL INFORMATION:
; APPLICANT: Bowdish, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhirter, John
; APPLICANT: Matuyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; TITLE OF INVENTION: AMPLIFICATION

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; FILE REFERENCE: 1087-35 DIV
; CURRENT APPLICATION NUMBER: US/10/628,109
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: US 10/014,012
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 165
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
US-10-628-109-165

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 634 CTGGCGAGGGTACCTATGC 653
      ||||| ||||| ||||| |||||
Db 1 CTGGGAGAGGGAACTGTGC 20

RESULT 264
US-10-398-870-7/c
; Sequence 7, Application US/10398870
; Publication No. US20040110920A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Novel G Protein-Coupled Receptor and its DNA
; FILE REFERENCE: 2799 USOP
; CURRENT APPLICATION NUMBER: US/10/398,870
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: JP 2000-313533
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: JP 2000-350057
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide primer to amplify DNA encoding human TGR;
US-10-398-870-7

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 396 TGAGTGCAGTCTCCAGTGA 415
      ||| ||||| ||||| |||||
Db 21 TGCGTGAAGTCTCCAGTGA 2

RESULT 265
US-10-398-870-22/c
; Sequence 22, Application US/10398870
; Publication No. US20040110920A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Novel G Protein-Coupled Receptor and its DNA
; FILE REFERENCE: 2799 USOP
; CURRENT APPLICATION NUMBER: US/10/398,870
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: JP 2000-313533
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: JP 2000-350057

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PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 72
SEQ ID NO 22
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-398-870-22

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      396 TCAGGTGCAGTCTCCAGTGA 415
      21 TGCCGTGAAGTCTCCAGTGA 2

SULT 266
-10-605-498-2
Sequence 2, Application US/10605498
Publication No. US20040127441A1
GENERAL INFORMATION:
APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Signaevsky, Maxim
TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
TITLE OF INVENTION: Cancers
FILE REFERENCE: UBC.P-031
CURRENT APPLICATION NUMBER: US/10/605,498
CURRENT FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR FILING DATE: 2003-04-18
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-605-498-2

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1020 GGTCAAGCTGGCTGACTTTG 1039
      1 GGTCAAGCTGGCTGACTCTG 20

SULT 267
-10-768-089-13
Sequence 13, Application US/10768089
Publication No. US20040138167A1
GENERAL INFORMATION:
APPLICANT: BURCOGLU, ARSINUR
TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION
AND RELATED SECONDARY INFECTIONS THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff
STREET: 1001 G Street, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

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SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/768,089
FILING DATE: 02-Feb-2004
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/754,066
FILING DATE: 05-Jan-2001
APPLICATION NUMBER: 08/848,013
FILING DATE: 2001-05-07
APPLICATION NUMBER: 07/830,886
FILING DATE: 04-FEB-1992
APPLICATION NUMBER: 07/748,277
FILING DATE: 21-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 02939.04541
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-10-768-089-13

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      950 ACTGCCACCGCAGAGGTG 969
Db      1 ACTGCCACCGCAGAGGTG 20

RESULT 268
US-10-661-088-10/c
; Sequence 10, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-10

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      130 CGGATGAAGAGATCAACG 149

```

QY 21 CGCAAGAAGAAGATCAAAACG 2
||| ||||| ||||| |||||

RESULT 269

US-10-661-088-11/c
; Sequence 11, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||

Db 21 CGCAAGAAGAAGATCAAAACG 2

RESULT 270

US-10-661-097-10/c
; Sequence 10, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||

Db 21 CGCAAGAAGAAGATCAAAACG 2

RESULT 271

US-10-661-097-11/c
; Sequence 11, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||

Db 21 CGCAAGAAGAAGATCAAAACG 2

RESULT 272

US-10-777-838-47/c
; Sequence 47, Application US/10777838
; Publication No. US20040162259A1
; GENERAL INFORMATION:
; APPLICANT: Miner, Philip B.
; APPLICANT: Wedel, Mark K.
; TITLE OF INVENTION: Compositions and Methods for Treatment of Pouchitis
; FILE REFERENCE: ISIC0008-100
; CURRENT APPLICATION NUMBER: US/10/777,838
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: 60/518,053
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/477,215
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 53
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-777-838-47

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||

Db 21 CGCAAGAAGAAGATCAAAACG 2

SULT 273

-10-661-355-10/c
Sequence 10, Application US/10661355
Publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
-10-661-355-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAACG 149
||| ||||| ||||| |||||
21 CGCAAGAGAGAGCAACG 2

SULT 274

-10-661-355-11/c
Sequence 11, Application US/10661355
Publication No. US20040170959A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 11
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
-10-661-355-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

130 CGGATGAAGAGATCAACG 149
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2

RESULT 275

US-10-661-099-10/c
Sequence 10, Application US/10661099
Publication No. US20040171568A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 10
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-661-099-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 276

US-10-661-099-11/c
Sequence 11, Application US/10661099
Publication No. US20040171568A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 11
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-661-099-11

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149

APPLICANT: Mezes, Peter
APPLICANT: Smithson, Glennda
APPLICANT: Guo, Xiaojia
APPLICANT: Gerlach, Valerie
APPLICANT: Casman, Stacie
APPLICANT: Boldog, Ferenc
APPLICANT: Li, Li
APPLICANT: Zerhusen, Bryan
APPLICANT: Tchernev, Velizar
APPLICANT: Gangolli, Esha
APPLICANT: Vernet, Corine
APPLICANT: Pena, Carol
APPLICANT: Burgess, Catherine
APPLICANT: Liu, Xiaohong
APPLICANT: Spytek, Kimberly
APPLICANT: Gorman, Linda
APPLICANT: Spaderina, Steven
APPLICANT: Voss, Edward
APPLICANT: Malyankar, Uriel
APPLICANT: Anderson, David
APPLICANT: Patturajan, Meera
APPLICANT: Miller, Charles
APPLICANT: Taupier, Raymond J. Jr.
TITLE OF INVENTION: No. US20030208039A1el Antibodies that Bind to Antigenic Polypeptide
FILE REFERENCE: 21402-290A (Cura 590AT)
CURRENT FILING DATE: 2002-06-24
CURRENT FILING DATE: 2002-06-24
PRIOR APPLICATION NUMBER: 60/283,675
PRIOR FILING DATE: 2001-04-14
PRIOR APPLICATION NUMBER: 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,101
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/287,424
PRIOR FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/299,027
PRIOR FILING DATE: 2001-06-18
PRIOR APPLICATION NUMBER: 60/309,198
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/281,194
PRIOR FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 60/274,194
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/274,849
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/330,380
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 60/275,235
PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: 60/288,342
PRIOR FILING DATE: 2001-05-03
PRIOR APPLICATION NUMBER: 60/275,578
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 370
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 313
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
;-10-093-463-313

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1531 CTACAAAGGAGCCAGCCT 1550
||||| ||||| ||||| |||||
Db 22 CTACAAACGAGACAGACT 3
RESULT 282
US-10-263-929-210
; Sequence 210, Application US/10263929
; Publication No. US20040067535A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jaeseob
; APPLICANT: Galant, Ron
; TITLE OF INVENTION: Alzheimer's Disease Linked Genes
; FILE REFERENCE: LSD-07417
; CURRENT APPLICATION NUMBER: US/10/263,929
; CURRENT FILING DATE: 2002-10-03
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 210
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-263-929-210

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1522 GAGATTCAGCTACAAAAGGA 1541
||||| ||||| ||||| |||||
Db 1 GAGATGCATCTACACAAGGA 20

RESULT 283
US-10-267-502-436
; Sequence 436, Application US/10267502
; Publication No. US20040071700A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jaeseob
; APPLICANT: Galant, Ron
; TITLE OF INVENTION: Obesity Linked Genes
; FILE REFERENCE: LSD-07416
; CURRENT APPLICATION NUMBER: US/10/267,502
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 439
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 436
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-267-502-436

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1522 GAGATTCAGCTACAAAAGGA 1541
||||| ||||| ||||| |||||
Db 1 GAGATGCATCTACACAAGGA 20

RESULT 284
US-10-271-638-9
; Sequence 9, Application US/10271638

Publication No. US20040073955A1
GENERAL INFORMATION:
APPLICANT: Chung, Jongkyeong
TITLE OF INVENTION: Transgenic Animal Model for Neuronal Function
FILE REFERENCE: LSD-07444
CURRENT APPLICATION NUMBER: US/10/271,638
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.2
SEQ ID NO 9
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-271-638-9

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1522 GAGATTCAGCTACAAAGGA 1541
||||| ||||| ||||| ||||| |||||
Db 1 GAGATGCATCTACACAAGGA 20

RESULT 285
US-10-629-248-68/c
Sequence 68, Application US/10629248
Publication No. US20040116671A1
GENERAL INFORMATION:
APPLICANT: Prayaga, Sudhirdas K.
APPLICANT: Majumder, Kunud
APPLICANT: Tallon, Bruce E.
APPLICANT: Spaderna, Steven K.
APPLICANT: Spytek, Kimberly A.
APPLICANT: MacDougall, John
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
CURRENT APPLICATION NUMBER: US/10/629,248
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: US/09/755,665
PRIOR FILING DATE: 2001-08-14
PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
PRIOR FILING DATE: 2000-01-06
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 68
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-10-629-248-68

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1426 ATCTCCGACAGAGTGCCAT 1445
||||| ||||| ||||| ||||| |||||
Co 22 ATCTTCAGAGAGTGCCAT 3

RESULT 286
US-10-780-439-19/c
Sequence 19, Application US/10780439
Publication No. US20040142899A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
Manoharan, Muthiah
Bennett, C. Frank
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR

ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF
OLIGONUCLEOTIDES IN MAMMALS
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cozen O'Connor
STREET: 1900 Market Street
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/780,439
FILING DATE: 17-Feb-2004
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Nguyen, Quan L.
REGISTRATION NUMBER: 46,957
REFERENCE/DOCKET NUMBER: ISIC0006-102
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-665-2000
TELEFAX: 215-665-2013
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-780-439-19

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 130 CGGATGAAGAAGATCAAAACG 149
||||| ||||| ||||| ||||| |||||
Db 22 CGCAAGAAGAAGAGCAAAACG 3

RESULT 287
US-10-291-230-3
Sequence 3, Application US/10291230
Publication No. US20030108939A1
GENERAL INFORMATION:
APPLICANT: Rufner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: T6678.U.S.A
CURRENT APPLICATION NUMBER: US/10/291,230
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: US 09/647,344
PRIOR FILING DATE: 2000-12-04
PRIOR APPLICATION NUMBER: PCT/US99/06742
PRIOR FILING DATE: 1999-03-28
PRIOR APPLICATION NUMBER: US 60/079,792
PRIOR FILING DATE: 1998-03-28
PRIOR APPLICATION NUMBER: US 60/107,504
PRIOR FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib

Q7
1504 TCCATATTGCACTAAAGGA 1523

Q8
20 TACATATTGCACTGAAGCA 1

RESULT 292

```

US-10-017-621-4
; Sequence 4, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
; US-10-017-621-4

```

Query Match	0.9%	Score 15	DB 1	Length 15
Best Local Similarity	100.0%	Pred. No. 2.9e+02		
Matches 15	Conservative 0	Mismatches 0	Indels 0	Gaps 0

95 AGGTTGCTCGCGGC 109
 1 AGGTTGCTCGCGGC 15

RESULT 293

US-09-848-754A-1374/c
 ? Sequence 1374, Application US/09848754A
 ? Publication No. US20030073207A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ? TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ? TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ? FILE REFERENCE: MEHB00-958-I (400/018)
 ? CURRENT APPLICATION NUMBER: US/09/848,754A
 ? CURRENT FILING DATE: 2001-05-03
 ? NUMBER OF SEQ ID NOS: 9645
 ? SOFTWARE: Patent in version 3.0
 ? SEQ ID NO 1374
 ? LENGTH: 17
 ? TYPE: RNA
 ? ORGANISM: Homo sapiens
 ? US-09-848-754A-1374

Query Match 0.9%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels

QY 1366 CTTGATAGCGACGG 1380
DB 15 CTTGATAGCGACGG 1

RESULT 294

US-09-848-754A-2427/C
; Sequence 2427, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848.754A

```

; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2427
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2427

```

Query Match 0.9%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels

Qy 1366 CTTGATAGCGACGGG 1380
|||
db 17 CTTGATAGCGACGGG 3

RESULT 295

US-09-906-158-44
; Sequence 44, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:

```

; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freter
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide:
US-09-906-158-44

```

Query Match	0.9%	Score 15;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Pred. No. 3.9e+02;		
Matches 15: Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;

Qy 449 TCTCCACTGAGGACA 463
|||
db 2 TCTCCACTGAGGACA 16

RESULT 296

US-09-906-158-45
; Sequence 45, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:

```

;
; APPLICANT: Brett P. Monia
;
; APPLICANT: Susan M. Freter
;
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
;
; FILE REFERENCE: RTS-0257
;
; CURRENT APPLICATION NUMBER: US/09/906,158
;
; CURRENT FILING DATE: 2001-07-14
;
; NUMBER OF SEQ ID NOS: 168
;

```

```
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM:
; FEATURE:
```

US-09-906-158-45

```
Query Match      0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels
```

QY 449 TCTCCACTGAGGACA 463

6 TCTCCACTGAGGACA 20

SULT 297

-10-388-263-493
Sequence 493, Application US/10388263
Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowsert, Lex M.

APPLICANT: Baker, Brenda F.

APPLICANT: McNeil, John

APPLICANT: Freier, Susan M.

APPLICANT: Sasmor, Henri M.

APPLICANT: Brooks, Douglas G.

APPLICANT: Ohashi, Cara

APPLICANT: Wyatt, Jacqueline R.

APPLICANT: Borchers, Alexander

APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR

MODULATION BY OLIGONUCLEOTIDES AND

TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION

FILE REFERENCE: ISIS-4503

CURRENT APPLICATION NUMBER: US/10/388,263

CURRENT FILING DATE: 2003-03-12

NUMBER OF SEQ ID NOS: 947

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 493

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-388-263-493

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

449 TCTCCACTGAGGACA 463

|||||

2 TCTCCACTGAGGACA 16

SULT 298

-10-388-263-494

Sequence 494, Application US/10388263
Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowsert, Lex M.

APPLICANT: Baker, Brenda F.

APPLICANT: McNeil, John

APPLICANT: Freier, Susan M.

APPLICANT: Sasmor, Henri M.

APPLICANT: Brooks, Douglas G.

APPLICANT: Ohashi, Cara

APPLICANT: Wyatt, Jacqueline R.

APPLICANT: Borchers, Alexander

APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR

MODULATION BY OLIGONUCLEOTIDES AND

TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION

FILE REFERENCE: ISIS-4503

CURRENT APPLICATION NUMBER: US/10/388,263

CURRENT FILING DATE: 2003-03-12

NUMBER OF SEQ ID NOS: 947

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 494

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-388-263-494

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACA 463

|||||

Db 6 TCTCCACTGAGGACA 20

RESULT 299

US-09-761-962-43/c

; Sequence 43, Application US/09761962

; Patent No. US2002007785A1

; GENERAL INFORMATION:

; APPLICANT: Memorial Sloan-Kettering Cancer Center

; TITLE OF INVENTION: Identification and Characterization of Multiple Splice

; TITLE OF INVENTION: Variants of Mu-

; FILE REFERENCE: 830002-2000.1

; CURRENT APPLICATION NUMBER: US/09/761,962

; CURRENT FILING DATE: 2001-01-17

; PRIOR APPLICATION NUMBER: 09/743,872

; PRIOR FILING DATE: 2001-03-13

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 43

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer

US-09-761-962-43

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1715 GCTTGAGCCATGTTCCACCTGCC 1737

Db 23 GCCTTAGCCACTACCACCTGCC 1

RESULT 300

US-10-283-300-43/c

; Sequence 43, Application US/10283300

; Publication No. US20030103972A1

; GENERAL INFORMATION:

; APPLICANT: Memorial Sloan-Kettering Cancer Center

; TITLE OF INVENTION: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICED VARIANTS

; TITLE OF INVENTION: OF THE MU-OPIOID RECEPTOR GENE

; FILE REFERENCE: 830002-2000.3

; CURRENT APPLICATION NUMBER: US/10/283,300

; CURRENT FILING DATE: 2002-10-29

; PRIOR APPLICATION NUMBER: 09/761,962

; PRIOR FILING DATE: 2001-01-17

; PRIOR APPLICATION NUMBER: 09/743,872

; PRIOR FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: PCT/US99/15974

; PRIOR FILING DATE: 1999-07-15

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 43

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: antisense primer from exon 2 used in RT-PCR of mouse brain RNA

US-10-283-300-43

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1715 GCCTGAGCCATGTTACCTGCC 1737
DB 23 GCCTTAGCCACTACCACTGCC 1

RESULT 301
US-10-337-169-17
; Sequence 17, Application US/10337169
; Publication No. US20030113330A1
; GENERAL INFORMATION:
; APPLICANT: Uhal, Bruce D.
; TITLE OF INVENTION: METHODS FOR TREATING PULMONARY FIBROSIS
; FILE REFERENCE: 29489/36811A
; CURRENT APPLICATION NUMBER: US/10/337,169
; CURRENT FILING DATE: 2003-01-06
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: US 09/708,742
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-337-169-17

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAACTGACC 528
DB 1 AGGCCAACCGGAGAGATGACC 23

RESULT 302
US-10-059-579-134
; Sequence 134, Application US/10059579
; Publication No. US20030138783A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, Nancy
; APPLICANT: DAVIDSON, Nancy
; APPLICANT: FACKLER, Mary Jo.
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630-1
; CURRENT APPLICATION NUMBER: US/10/059,579
; CURRENT FILING DATE: 2003-02-03
; PRIOR FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US 09/771,357
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 134
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR antisense primer
US-10-059-579-134

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1681 AACTACATCTTCCCTGCTACTC 1703
DB 1 AATTACATTTTCCAACTACTC 23

RESULT 303
US-10-026-952-3
; Sequence 3, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph M.
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfler, Marlene
; APPLICANT: Gebevehu, Gullilat
; APPLICANT: Astatke, Mekbib
; TITLE OF INVENTION: Primers and Methods for the Detection and
; TITLE OF INVENTION: Discrimination of Nucleic Acids
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-026-952-3

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 945 GGCTACTGCCACCGCAGAGG 967
DB 1 GGCTACGCCACCATGAGAGG 23

RESULT 304
US-10-384-893-21
; Sequence 21, Application US/10384893
; Publication No. US20030166247A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Galas, David J.
; APPLICANT: Kovacevich, Brian
; APPLICANT: Mulligan, John T.
; APPLICANT: Paepfer, Bryan W.
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Winkler, David G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING
; TITLE OF INVENTION: BONE MINERALIZATION
; FILE REFERENCE: 240083.508D5
; CURRENT APPLICATION NUMBER: US/10/384,893
; CURRENT FILING DATE: 2003-03-06
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer for PCR

-10-384-893-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

506 AGGGCTACTCGAGAAGCTGACC 528
|||||
1 AGGCCAACCGCGAGAAGATGACC 23

SULT 305

-10-396-964-39/c
Sequence 39, Application US/10396964
Publication No. US20030198946A1

GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
STREET: 1211 East Morehead Street
CITY: Charlotte
STATE: No. US20030198946A1th Carolina
COUNTRY: United States
ZIP: 28234

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/396,964
FILING DATE: 23-MARCH-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994
CLASSIFICATION:
APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
TELEFAX: 704-334-2014
INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Hepatitis-C virus
-10-396-964-39

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

292 CGTCTGACGGGGCCCACTCAG 314
23 CATTCTGAACGCGCCCACTCG 1

RESULT 306

US-10-463-190-21
Sequence 21, Application US/10463190
Publication No. US20040009535A1

GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
APPLICANT: Kovacevich, Brian
APPLICANT: Mulligan, John T.
APPLICANT: Paepker, Bryan W.
APPLICANT: Van Ness, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
INCREASING BONE MINERALIZATION
FILE REFERENCE: 240083.508C2
CURRENT APPLICATION NUMBER: US/10/463,190
CURRENT FILING DATE: 2003-06-16
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer for PCR
US-10-463-190-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGGCTACTCGAGAAGCTGACC 528
|||||
Db 1 AGGCCAACCGCGAGAAGATGACC 23

RESULT 307

US-10-095-248A-21
Sequence 21, Application US/10095248A
Publication No. US20040058321A1

GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Galas, David J.
APPLICANT: Kovacevich, Brian
APPLICANT: Mulligan, John T.
APPLICANT: Paepker, Bryan W.
APPLICANT: Van Ness, Jeffrey
APPLICANT: Winkler, David G.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
INCREASING BONE MINERALIZATION
FILE REFERENCE: 240083.508C1
CURRENT APPLICATION NUMBER: US/10/095,248A
CURRENT FILING DATE: 2002-06-07
NUMBER OF SEQ ID NOS: 45
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 21
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer for PCR
US-10-095-248A-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGGCTACTCGAGAAGCTGACC 528
|||||
Db 1 AGGCCAACCGCGAGAAGATGACC 23

APPLICANT: Karras, James G
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
TITLE OF INVENTION: Expression
FILE REFERENCE: ISPH-0532
CURRENT APPLICATION NUMBER: US/09/759,881
CURRENT FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: PCT/US00/09054
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 09/288,461
PRIOR FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 152
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 27
LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-758-881-27

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

922 CTGTTCCAGCTGCTCGT 939
|||||
2 CTGTTCCAGCTGCTGCAT 19

RESULT 313

US-09-865-993-23/c

Sequence 23, Application US/09865993

Publication No. US20030060437A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 5 EXPRESSION

FILE REFERENCE: RTS-0175

CURRENT APPLICATION NUMBER: US/09/865,993

CURRENT FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 23

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-865-993-23

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

953 GCCACGGCAGAGGTGC 970
|||||
19 GCCACTGGCAGAGGTGC 2

RESULT 314

US-09-898-556A-22/c

Sequence 22, Application US/09898556A

Publication No. US20030087849A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION

FILE REFERENCE: RTS-0248

CURRENT APPLICATION NUMBER: US/09/898,556A

CURRENT FILING DATE: 2001-07-03

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 22

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-22

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

673 AGCAAGCTCAGACAAAC 690
|||||
18 AGCAAGCTCAGACCAAC 1

RESULT 315

US-09-978-244A-85

Sequence 85, Application US/09978244A

Publication No. US20030103992A1

GENERAL INFORMATION:

APPLICANT: Lu, Peter S

APPLICANT: Garman, Jonathan D.

APPLICANT: Candia III, Albert F.

APPLICANT: Arbor Vita Corporation

TITLE OF INVENTION: CLASP MEMBRANE PROTEINS

FILE REFERENCE: 020554-000161US

CURRENT APPLICATION NUMBER: US/09/978,244A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: US 60/310,028

PRIOR FILING DATE: 2001-08-03

PRIOR APPLICATION NUMBER: US 09/737,246

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 09/736,969

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 09/736,960

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 09/736,968

PRIOR FILING DATE: 2000-12-13

PRIOR APPLICATION NUMBER: US 60/240,545

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,508

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,503

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,539

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: US 60/240,543

PRIOR FILING DATE: 2000-10-13

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 106

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 85

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer mC5S8

US-09-978-244A-85

Query Match 0.8%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

889 AACATCATCAACATGCAC 906
|||||
3 AACATCATCAACAGGAC 20

RESULT 316

US-09-754-106-72/c

Sequence 72, Application US/09754106

Publication No. US20030224355A1

GENERAL INFORMATION:

APPLICANT: Bell, Graeme I.

APPLICANT: Yamagata, Kazuya
APPLICANT: Oda, Naohisa
APPLICANT: Kaisaki, Pamela J.
APPLICANT: Furuta, Hiroto
APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OF INVENTION: AND HNF-4ALPHA
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: /09/754,106
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA: 08/927,219
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-754-106-72

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 CTTGTGCACTCAAGGAG 708
||||| ||| |||||
Db 18 CTTGTGTCACACAGGAG 1

RESULT 317
US-10-006-366-80/c
Sequence 80, Application US/10006366
Publication No. US20030125273A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
FILE REFERENCE: RTS-0332
CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 80
LENGTH: 20

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 CTTGTGCACTCAAGGAG 708
||||| ||| |||||
Db 18 CTTGTGTCACACAGGAG 1

RESULT 317
US-10-006-366-80/c
Sequence 80, Application US/10006366
Publication No. US20030125273A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
FILE REFERENCE: RTS-0332
CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 80
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-80

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1567 CTTGACTCAGGAGGCA 1584
||||| ||| |||||
Db 19 CTTGACTCAGGAGGCTCA 2

RESULT 318
US-10-002-623-861/c
Sequence 861, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:
APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 861
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-861

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 CCAACAAAGACATACTCC 1080
||||| ||| |||||
Db 19 CCAACAAAGCCAGACTCC 2

RESULT 319
US-10-160-787-37/c
Sequence 37, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-37

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 365 AGAGTGACCAAGGCTTCAG 382
||||| ||| |||||
Db 20 AGAGTGACCAAGGCTTCG 3

```
SULT 320
-10-160-787-106
Sequence 106, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-106
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
365 AGAGTGACCAAGCTTCTG 382
|||||||
1 AGAGTGACCAAGCTTCTG 18
|||||||

SULT 321
-10-174-014-30
Sequence 30, Application US/10174014
Publication No. US20040005292A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
FILE REFERENCE: PTS-0012
CURRENT APPLICATION NUMBER: US/10/174,014
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 73
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-174-014-30
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
304 GGCCCACTCAGCTCTGCA 321
|||||||
1 GGCCCACTCAGCTCTGCA 18
|||||||

SULT 322
-10-174-014-61/c
Sequence 61, Application US/10174014
Publication No. US20040005292A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
FILE REFERENCE: PTS-0012
CURRENT APPLICATION NUMBER: US/10/174,014
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 73
SEQ ID NO 61
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-014-61
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 304 GGCCCACTCAGCTCTGCA 321
|||||||
Db 20 GGCCCACTCAGCTCTGCA 3
|||||||

RESULT 323
US-10-188-779A-47
; Sequence 47, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-47
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 254 CTGAGAGGCCCCCACAC 271
|||||||
Db 3 CTAGAGAGGCCCCCTCAC 20
|||||||

RESULT 324
US-10-380-020-13
; Sequence 13, Application US/10380020
; Publication No. US20040052762A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Hua
; APPLICANT: Pardoll, Drew
; APPLICANT: Jove, Richard
; APPLICANT: Dalton, William
; TITLE OF INVENTION: Stat3 Agonists and Antagonists and Therapeutic Uses Thereof
; FILE REFERENCE: 10873-009-999
; CURRENT APPLICATION NUMBER: US/10/380,020
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: 60/231,212
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence used to inhibit translation of
; OTHER INFORMATION: endogenous Stat3 mRNA
US-10-380-020-13
Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
```

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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTCGT 939
    |||||
Db 2 CTGTTCCAGCTGCTGCAT 19

RESULT 325
US-10-287-971-301
; Sequence 301, Application US/10287971
; Publication No. US20040067882A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-480A
; CURRENT APPLICATION NUMBER: US/10/287,971
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 09/997,425
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 10/035,568
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/338,626
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/401,479
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/333,072
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 60/348,283
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 60/393,262
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/406,181
; PRIOR FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: Curaseq1ist version 0.1
; SEQ ID NO 301
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-301

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1530 GCTACAAAAGGAGGCCAG 1547
    |||||
Db 1 GCTACAAAAGGAGGCCAG 18

RESULT 326
US-10-293-864-18
; Sequence 18, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-864-18

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 987 GCCCCAGAACCTGCTCAT 1004
    |||||
Db 1 GCCCCACATCCTGCTCAT 18

RESULT 327
US-10-293-864-96/c
; Sequence 96, Application US/10293864
; Publication No. US20040092465A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0432
; CURRENT APPLICATION NUMBER: US/10/293,864
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-293-864-96

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 987 GCCCCAGAACCTGCTCAT 1004
    |||||
Db 20 GCCCCACATCCTGCTCAT 3

RESULT 328
US-10-671-395-638/c
; Sequence 638, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 638
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-638

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 508 GGCTACCTGGAGAGCTG 525
    |||||
Db 20 GGCTACCTGGGAGAGCTG 3

RESULT 329
US-10-772-542-22/c
; Sequence 22, Application US/10772542
; Publication No. US2004014289A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
```

APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
FILE REFERENCE: RTS-0248
CURRENT APPLICATION NUMBER: US/10/772,542
CURRENT FILING DATE: 2004-02-05
PRIOR APPLICATION NUMBER: US/09/898,556
PRIOR FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-772-542-22

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
673 AGCAAGCTCAGCAAC 690
18 AGCAAGCTCAGCAAC 1

RESULT 330
US-10-782-998-12/c
Sequence 12, Application US/10782998
Publication No. US2004017119A1
GENERAL INFORMATION:
APPLICANT: Sumitomo Chemical, Co., Ltd.
TITLE OF INVENTION: Reductase Gene and Use of the Same
FILE REFERENCE: 600630-15US (562737)
CURRENT APPLICATION NUMBER: US/10/782,998
CURRENT FILING DATE: 2004-02-20
PRIOR APPLICATION NUMBER: JP 2003-053568
PRIOR FILING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Designed oligonucleotide primer for PCR
-10-782-998-12

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
367 AGTGACCGGCTTCAGCC 384
19 AGTGACCGGCTTCAGCC 2

RESULT 331
US-10-383-707-8
Sequence 8, Application US/10383707
Publication No. US20040175369A1
GENERAL INFORMATION:
APPLICANT: Yu, Hua
APPLICANT: Pardoll, Drew
APPLICANT: Jove, Richard
TITLE OF INVENTION: STAT3 ANTAGONISTS AND THEIR USE AS VACCINES AGAINST CANCER
FILE REFERENCE: 10873-010-999
CURRENT APPLICATION NUMBER: US/10/383,707
CURRENT FILING DATE: 2003-03-07
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.2
SEQ ID NO 8
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence used to inhibit translation of
US-10-383-707-8
OTHER INFORMATION: endogenous Stat3 mRNA

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 922 CTGTTCCAGTGTCTCCGT 939
DB 2 CTGTTCCAGTGTCTGCAT 19

RESULT 332
US-10-619-739-575/c
Sequence 575, Application US/10619739
Publication No. US2004017519A1
GENERAL INFORMATION:
APPLICANT: Christians, Frederick C.
TITLE OF INVENTION: Synthetic Tag Genes
FILE REFERENCE: 3502.1
CURRENT APPLICATION NUMBER: US/10/619,739
CURRENT FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: 60/395,530
PRIOR FILING DATE: 2002-07-12
NUMBER OF SEQ ID NOS: 2068
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 575
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-575

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1169 GTCGATCTTCTATGAGA 1186
DB 18 GTCGATCTACTATAAGA 1

RESULT 333
US-10-028-056-9/c
Sequence 9, Application US/10028056
Publication No. US20020152483A1
GENERAL INFORMATION:
APPLICANT: REUE, KAREN
APPLICANT: PTERFY, MIKLOS
TITLE OF INVENTION: A NOVEL GENE ASSOCIATED WITH REGULATION OF ADIPOSITTY AND INSULIN
FILE REFERENCE: 407T-898010US
CURRENT APPLICATION NUMBER: US/10/028,056
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: US 60/257,772
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-028-056-9

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1449 ACATCCATTCTTCCTCAG 1456
|||||
20 ACATTCATCTCGCTCAG 3

RESULT 334

US-10-205-713A-8/c
; Sequence 8, Application US/10205713A
; Publication No. US20030109534A1
; GENERAL INFORMATION:
; APPLICANT: Horuk, Richard
; TITLE OF INVENTION: No. US20030109534A1-Peptide CCR1 Receptor Antagonists for the Tre
; FILE REFERENCE: 52177AUSM1
; CURRENT APPLICATION NUMBER: US/10/205,713A
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/310,538
; PRIOR FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-205-713A-8

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 854 ACAAGGACCTCGAAGCAGT 871
|||||
DB 21 ACAAGACCTCGAAGCAGT 4

RESULT 335

US-10-325-881-35
; Sequence 35, Application US/10325881
; Publication No. US20030119047A1
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/10/325,881
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US/09/377,497
; PRIOR FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-325-881-35

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1311 GACATACAACTACCCCAA 1328
|||||
DB 2 GAAACAACTACCCCAA 19

RESULT 336

US-10-321-188-11
; Sequence 11, Application US/10321188
; Publication No. US20030180760A1
; GENERAL INFORMATION:
; APPLICANT: Basch, Jonathan D.
; APPLICANT: Chiang, Shu-Jen D.
; APPLICANT: Liu, Suo-Win
; APPLICANT: Nayeem, Akbar
; APPLICANT: Sun, Yuhua
; APPLICANT: You, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR HYDROXYLATING EPOTHILONES
; FILE REFERENCE: D0231NP
; CURRENT APPLICATION NUMBER: US/10/321,188
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/344,271
; PRIOR FILING DATE: 2001-12-26
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-188-11

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1218 CACGGTGGAGGACAGCT 1235
|||||
DB 4 CCGGGTGGAGGAACTGCT 21

RESULT 337

US-10-786-720-14267/c
; Sequence 14267, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14267
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-14267

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 374 AGGCTTCAGCCAGTCCT 391
|||||
DB 20 AGGCTTAGCCACATCCT 3

RESULT 338

US-10-231-913-246/c
; Sequence 246, Application US/10231913
; Publication No. US20040005576A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia S.
; APPLICANT: Li, Li
; APPLICANT: Patturajan, Meera

APPLICANT: Shimkets, Richard A.
APPLICANT: Casman, Stacie J.
APPLICANT: Malyankar, Uriel M.
APPLICANT: Tchernev, Velizar T.
APPLICANT: Vernet, Corine A.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Alsbrook II, John P.
APPLICANT: Edinger, Shlomit
APPLICANT: Peyman, John A.
APPLICANT: Stone, David J.
APPLICANT: Ellerman, Karen
APPLICANT: Gangolli, Esha A.
APPLICANT: Boldog, Ference L.
APPLICANT: Colman, Steven D.
APPLICANT: Eisen, Andrew J.
APPLICANT: Liu, Xiaohong
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spaderna, Steven K.
APPLICANT: Zerhusen, Bryan D.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

CURRENT APPLICATION NUMBER: US/10/231,913

PRIOR FILING DATE: 2002-08-30

PRIOR APPLICATION NUMBER: 60/251,660

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: 60/255,029

PRIOR FILING DATE: 2000-12-12

PRIOR APPLICATION NUMBER: 60/260,326

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: 60/263,800

PRIOR FILING DATE: 2001-01-24

PRIOR APPLICATION NUMBER: 60/269,942

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/286,183

PRIOR FILING DATE: 2001-04-24

PRIOR APPLICATION NUMBER: 60/313,627

PRIOR FILING DATE: 2001-08-20

PRIOR APPLICATION NUMBER: 60/318,712

PRIOR FILING DATE: 2001-09-12

NUMBER OF SEQ ID NOS: 292

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 246

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: CHEMICALLY

OTHER INFORMATION: SYNTHESIZED

-10-231-913-246

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1230 ACAGCTACACTTCATCTT 1247

|||||

18 ACAGCTGGCTTCATCTT 1

SULT 339

-10-085-198-315

Sequence 315, Application US/10085198

Publication No. US20040009907A1

GENERAL INFORMATION:

APPLICANT: Alsbrook et al.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-279

CURRENT APPLICATION NUMBER: US/10/085,198

CURRENT FILING DATE: 2002-02-25

PRIOR APPLICATION NUMBER: 60/271,646

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 60/276,401

; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 315
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-315

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1524 GATTGAGCTACAAAAGGA 1541

|||||

3 GAAACAGCTACAAAAGGA 20

RESULT 340

US-10-114-270-272

; Sequence 272, Application US/10114270

; Publication No. US20040030110A1

GENERAL INFORMATION:

APPLICANT: Guo, Xiaojia

APPLICANT: Kexuda, Ramesh

APPLICANT: Miller, Charles E.

APPLICANT: Malyankar, Uriel M.

APPLICANT: Spytek, Kimberly A.

APPLICANT: Patturajan, Meera

APPLICANT: Liu, Ziaohong

APPLICANT: Gusev, Vladimir Y.

APPLICANT: Li, Li

APPLICANT: Vernet, Corine

APPLICANT: Zerhusen, Bryan D.

APPLICANT: Gorman, Linda

APPLICANT: Shenoy, Suresh G.

APPLICANT: Pena, Carol E.A.

APPLICANT: Smithson, Glennda

APPLICANT: Burgess, Catherine E.

APPLICANT: Gerlach, Valerie

APPLICANT: Padigaru, Muralidhara

APPLICANT: Shimkets, Richard A.

APPLICANT: Gangolli, Esha A.

APPLICANT: Taupier Jr., Raymond J.

APPLICANT: Casman, Stacie J.

APPLICANT: Ji, Weizhen

APPLICANT: Anderson, David W.

APPLICANT: Liete, Mario W.

APPLICANT: Rastelli, Luca

APPLICANT: Edinger, Shlomit R.

APPLICANT: Stone, David J.

APPLICANT: MacDougall, John R.

APPLICANT: Rothenberg, Mark E.


```

; TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 272
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-114-270-272

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q/ 449 TCTCCACTGAGGACATCA 466
      ||||| ||||| |||||
Db 4 TCTCCACTGAGACACCA 21

RESULT 341
US-10-427-224-19
; Sequence 19, Application US/10427224
; Publication No. US20040033607A1
; GENERAL INFORMATION:
; APPLICANT: Van No. US20040033607Alker, Steven R.
; TITLE OF INVENTION: Plant Vernalization Independence (VIP) Genes, Proteins, and
; APPLICANT: Zhang, Hua
; TITLE OF INVENTION: Methods of Use
; FILE REFERENCE: MSU-08107
; CURRENT APPLICATION NUMBER: US/10/427,224
; PRIOR FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 60/376,765
; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-427-224-19

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 666 AGGCAAAAGCAAGCTCAC 683
      ||||| ||||| |||||

```

```

Db 1 AGGCAAAACAAAGCTCAC 18

RESULT 342
US-10-418-251-6
; Sequence 6, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; CURRENT FILING DATE: 2003-04-18
; PRIOR APPLICATION NUMBER: US/09/033,936
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-6

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q/ 356 CTGATGGGAGAGTGACC 373
      ||||| ||||| |||||
Db 3 CTGATGGTGGAGGTGAAC 20

RESULT 343
US-10-202-162A-26/c
; Sequence 26, Application US/10202162A
; Publication No. US20040191769A1
; GENERAL INFORMATION:
; APPLICANT: Marino, Michael A.
; APPLICANT: McAndrew, Patricia
; TITLE OF INVENTION: Methods, Compositions and Kits for Mutation
; TITLE OF INVENTION: Detection in Mitochondrial DNA
; FILE REFERENCE: P-733
; CURRENT APPLICATION NUMBER: US/10/202,162A
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 60/392,911
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 60/307,645
; PRIOR FILING DATE: 2001-07-24
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-202-162A-26

Query Match          0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Q/ 1203 CCTCTTTCCGGGTCCAC 1220
      ||||| ||||| |||||
Db 18 CCTCTTTACGACTCCAC 1

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SULT 344
-09-964-261-30/c
Sequence 30, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelles
APPLICANT: Rossau, Rudi
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
FILE REFERENCE: IGJ-002
CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 446
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-09-964-261-30

Query Match          0.8%; Score 14.6; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.7e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

      249 TGACCCCTGGAGAGGCC 265
      ||:||:||:||:||:||
      20 TGHCCCGGAGAGGCC 4

SULT 345
-08-983-605-282/c
Sequence 282, Application US/08983605A
Publication No. US20020066118A1
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 282
LENGTH: 21
TYPE: DNA
ORGANISM: Triticum aestivum
-08-983-605-282

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

      1707 GCTTACCTGCCTGAGCCATGT 1727
      |||||:|||||:|||||
      21 GGTACTCTGCATGAACATGT 1

SULT 346
-09-964-261-31/c
Sequence 31, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelles
```

```
APPLICANT: Rossau, Rudi
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
FILE REFERENCE: IGJ-002
CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 446
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-964-261-31

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      249 TGACCCCTGGAGAGGCC 265
      ||:||:||:||:||:||
DB      21 TGHCCCGGAGAGGCC 5

RESULT 347
US-09-932-300-37/c
Sequence 37, Application US/09932300
Publication No. US20030032788A1
GENERAL INFORMATION:
APPLICANT: GARVER, Eric
APPLICANT: TU, Guang-Chou
APPLICANT: ISRAEL, Yedy
TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
FILE REFERENCE: 9855-302
CURRENT APPLICATION NUMBER: US/09/932,300
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: US 60/051,705
PRIOR FILING DATE: 1997-07-03
PRIOR APPLICATION NUMBER: US 09/109,663
PRIOR FILING DATE: 1998-07-02
NUMBER OF SEQ ID NOS: 111
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 37
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Known
OTHER INFORMATION: effective ASO
US-09-932-300-37

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      225 TGAGAGTCGTGCTGCTGCGG 245
      |||||:|||||:|||||
DB      21 TGAGAGGGAAGTGTGCGGG 1

RESULT 348
US-10-006-611-7/c
Sequence 7, Application US/10006611
Publication No. US20020166137A1
GENERAL INFORMATION:
APPLICANT: Nezu, Jun-Ichi
APPLICANT: Ose, Asuka
APPLICANT: Jishage, Kou-ichi
APPLICANT: Jenne, Dieter E.
TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS
FILE REFERENCE: 06501-094001
```

```

; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-9

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0

QY      1273 GAGACGTGGCCAGGCATCTG 1293
          ||| ||| ||| ||| ||| ||| ||| |||
Db       1 GAGGCCGCCAGGCATCTG 21

RESULT 351
US-10-184-085A-164/c
; Sequence 164, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-164

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0

QY      221 TGGATGAGACTGGTGGTGGTG 241
          ||| ||| ||| ||| ||| ||| ||| |||
Db       21 TGGATGAGAGAGGAGAGGTG 1

RESULT 352
US-10-184-085A-200/c
; Sequence 200, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 200
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-200

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;

```

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTG 241
|||||
21 TGGATGAGCGGAGAGTG 1

SULT 353

-10-184-085A-236/c
Sequence 236, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 236
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-184-085A-236

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTG 241
|||||
21 TGGATGAGCGGAGAGTG 1

SULT 354

-10-184-085A-864/c
Sequence 864, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 864
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-184-085A-864

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

221 TGGATGAGAGTGGTGGTG 241
|||||
21 TGGATGAGCGGAGAGTG 1

SULT 355

-10-388-281-35

; Sequence 35, Application US/10388281
; Publication No. US20030175784A1
; GENERAL INFORMATION:
; APPLICANT: Leary, Jeffrey J.
; APPLICANT: Tal-Singer, Ruth
; TITLE OF INVENTION: Method For Detecting, Analyzing, and
; FILE REFERENCE: P50772C1
; CURRENT APPLICATION NUMBER: US/10/388,281
; CURRENT FILING DATE: 2003-03-13
; PRIOR APPLICATION NUMBER: 09/719,714
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 60/090,464
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: PCT/US99/13813
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 35
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-281-35

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 550 AAGCCCTCAGCGCGCGCTC 570
|||||
Db 1 AAGCCCTGATCCGCCACCTC 21

RESULT 356

US-10-349-143-7806/c
; Sequence 7806, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7806
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens

FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-4126 for SEQ 3872,

US-10-349-143-7806

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 429 CAACCATCCCCCAGCAAGAT 449
|||||
Db 21 CAACCCCAACTCAAGAT 1

```
RESULT 357
US-10-349-143-10136
; Sequence 10136, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10104 for SEQ 2271, in comple
US-10-349-143-10136

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1060 ATCCCAAGACATATCTCC 1080
      ||||| ||||| ||||| |||||
Db       1 ATCCCTACAGAGATATCTC 21

RESULT 358
US-10-085-198-461
; Sequence 461, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsebrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 461
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-461

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      331 GTCACGAGGACTTGAAGATG 351
      ||||| ||||| ||||| |||||
Db       1 GTCGAAGAGGACAAGGAGATG 21

RESULT 359
US-10-050-888A-13/c
; Sequence 13, Application US/10050888A
; Publication No. US20040073376A1
; GENERAL INFORMATION:
; APPLICANT: Gesteland, Raymond F.
; APPLICANT: Atkins, John F.
; APPLICANT: Matveeva, Olga V.
; APPLICANT: Giddings, Michael C.
; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neural
; TITLE OF INVENTION: Networks
; FILE REFERENCE: T9479.B
; CURRENT APPLICATION NUMBER: US/10/050,888A
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/262,993
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-050-888A-13

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      225 TGAGAGTGTGTGTGTGTGGCGG 245
      ||||| ||||| ||||| |||||
Db       21 TGAGAGGGGAAGTGTGTGGGG 1

RESULT 360
US-10-476-021-4/c
; Sequence 4, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSIO
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-476-021-4
```

```
Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

338 AGGACTTGAAGTGGGCTG 358
|||||
21 AGGAATTGAAGTGGGGAGT 1

.SULT 361
-10-786-720-6120/c
Sequence 6120, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6120
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
-10-786-720-6120

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1297 AACGAGGAGTTCACAGATAC 1317
|||||
21 AACGAGGAGTTCATGACTTAC 1

.SULT 362
-10-786-720-6372/c
Sequence 6372, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6372
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
-10-786-720-6372

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1297 AACGAGGAGTTCACAGATAC 1317
|||||
21 AACGAGGAGTTCATGACTTAC 1

.SULT 363
-10-786-720-13394/c
Sequence 13394, Application US/10786720
Publication No. US20040191818A1
```

```
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13394
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-13394

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1024 AAGCTGGCTGACTTTGGCCTG 1044
|||||
Db 21 AAGCTGCCTGAGCTTTGGCTG 1

RESULT 364
US-10-786-720-14106/c
Sequence 14106, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14106
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-14106

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1444 ATGAACATCCATCTTCCTC 1464
|||||
Db 21 AAGAAGCTTACATCTTCCTC 1

RESULT 365
US-10-786-720-17362/c
Sequence 17362, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17362
LENGTH: 21
```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17362

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1444 ATGAACATCCATCTTCCTC 1464
      ||||| ||||| ||||| |||||
Db 21 ATGAAGTATCCAATGTCCTC 1

RESULT 366
US-10-786-720-18550/c
; Sequence 18550, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18550
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18550

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1444 ATGAACATCCATCTTCCTC 1464
      ||||| ||||| ||||| |||||
Db 21 ATGAAGTATCCAATGTCCTC 1

RESULT 367
US-10-786-720-20510
; Sequence 20510, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20510
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20510

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 4.9e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 1287 CATCCTGTCCAAACGAGGATT 1307
      ||:|:| ||||| ||||| :|
Db 1 CAUCCUGGCCCAAGGUGGAUU 21

RESULT 368
US-10-786-720-20515
; Sequence 20515, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20515
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20515

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1391 TCACCAAGCTGTTCAGTTTG 1411
      ||||| ||||| ||||| |||||
Db 1 TAACCAAGAAGTTCAGTTTCG 21

RESULT 369
US-10-786-720-20725
; Sequence 20725, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20725
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20725

Query Match      0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 4.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1391 TCACCAAGCTGTTCAGTTTG 1411
      ||||| ||||| ||||| |||||
Db 1 TAACCAAGAAGTTCAGTTTCG 21

RESULT 370
US-09-969-373-3987/c
; Sequence 3987, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
```



```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-18
```

```
Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      886 GGGAACATCATCAACATGCAC 906
      ||| ||||| ||||| ||||| |||||
Db      2 GGCAAAATCATCAACATCAAC 22
```

RESULT 375

```
US-09-997-594-33
; Sequence 33, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; APPLICANT: Stone, David J
; TITLE OF INVENTION: ENDOPEPTINE-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS OF USING THE SAME
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; CURRENT FILING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-33
```

```
Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      886 GGGAACATCATCAACATGCAC 906
      ||| ||||| ||||| ||||| |||||
Db      2 GGCAAAATCATCAACATCAAC 22
```

RESULT 376

```
US-09-997-594-39
; Sequence 39, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; APPLICANT: Stone, David J
; TITLE OF INVENTION: ENDOPEPTINE-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS OF USING THE SAME
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; CURRENT FILING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-39
```

```
Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      886 GGGAACATCATCAACATGCAC 906
      ||| ||||| ||||| ||||| |||||
Db      2 GGCAAAATCATCAACATCAAC 22
```

RESULT 377

```
US-09-997-594-51
; Sequence 51, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; APPLICANT: Stone, David J
; TITLE OF INVENTION: ENDOPEPTINE-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS OF USING THE SAME
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; CURRENT FILING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-51
```

```
Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      886 GGGAACATCATCAACATGCAC 906
      ||| ||||| ||||| ||||| |||||
Db      2 GGCAAAATCATCAACATCAAC 22
```

RESULT 378

```
US-09-864-426A-2106
; Sequence 2106, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2106
; LENGTH: 22
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-864-426A-2106

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

395 ATGAGGTGCACCTCTCCAGTGA 415
|||||
2 ACGAGGGCGCACTCTCCTGTGA 22

SULT 379

-10-005-956-1278
Sequence 1278, Application US/10005956
Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1278

LENGTH: 22

TYPE: DNA

ORGANISM: Homo sapiens

-10-005-956-1278

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1594 GTGGTGGACACGAGTCTCAA 1614
|||||
1 GTGGTGGCGCAGGAGTCTCTCA 21

SULT 380

-10-032-585-4011/c
Sequence 4011, Application US/10032585
Publication No. US20030180953A1

GENERAL INFORMATION:

APPLICANT: Terry, Roemer D.

APPLICANT: Bo, Jiang

APPLICANT: Charles, Boone

APPLICANT: Howard, Bussey

TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery

FILE REFERENCE: 10182-005-999

CURRENT APPLICATION NUMBER: US/10/032,585

CURRENT FILING DATE: 2001-12-20

NUMBER OF SEQ ID NOS: 8000

SOFTWARE: PatentIn version 3.1

SEQ ID NO 4011

LENGTH: 22

TYPE: DNA

ORGANISM: Candida albicans

-10-032-585-4011

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACGG 150
|||
DB 22 CGAATCAGATGATCAAAACAG 2

RESULT 381

US-10-084-839-2106

; Sequence 2106, Application US/10084839
; Publication No. US20030186238A1

GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allawi, Hatim

; APPLICANT: Argue, Brad T.

; APPLICANT: Bartholomay, Christian T.

; APPLICANT: Chehak, LuAnne

; APPLICANT: Curtis, Michelle L.

; APPLICANT: Eis, Peggy S.

; APPLICANT: Hall, Jeff G.

; APPLICANT: Ip, Hon S.

; APPLICANT: Ji, Lin

; APPLICANT: Kaiser, Michael

; APPLICANT: Kwiatkowski, Jr., Robert W.

; APPLICANT: Lukowiak, Andrew A.

; APPLICANT: Lyamichev, Victor

; APPLICANT: Lyamicheva, Natalie E.

; APPLICANT: Ma, WuPo

; APPLICANT: Neri, Bruce P.

; APPLICANT: Olson, Sarah M.

; APPLICANT: Olson-Munoz, Marilyn C.

; APPLICANT: Schaefer, James J.

; APPLICANT: Skrzypczynski, Zbigniew

; APPLICANT: Takova, Tssetska Y.

; APPLICANT: Thompson, Lisa C.

; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays

; FILE REFERENCE: FORS-06666

; CURRENT APPLICATION NUMBER: US/10/084,839

; CURRENT FILING DATE: 2002-02-26

; NUMBER OF SEQ ID NOS: 4004

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2106

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-084-839-2106

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 395 ATGAGGTGCACCTCTCCAGTGA 415
|||||
DB 2 ACGAGGGCGCACTCTCCTGTGA 22

RESULT 382

US-10-035-568-14

; Sequence 14, Application US/10035568

; Publication No. US20030207801A1

GENERAL INFORMATION:

; APPLICANT: Gerlach et al.

; TITLE OF INVENTION: No. US20030207801A1el Polypeptides and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-175

; CURRENT APPLICATION NUMBER: US/10/035,568

; CURRENT FILING DATE: 2002-05-02

; PRIOR APPLICATION NUMBER: 60/242,485

; PRIOR FILING DATE: 2000-10-23

; PRIOR APPLICATION NUMBER: 60/263,339

; PRIOR FILING DATE: 2000-01-22

; PRIOR APPLICATION NUMBER: 60/264,850

; PRIOR FILING DATE: 2001-01-29

```

, NUMBER OF SEQ ID NOS: 19
, SOFTWARE: PatentIn ver. 2.1
, SEQ ID NO 14
, LENGTH: 22
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
, OTHER INFORMATION: primer
CS-10-035-568-14

```

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 886 GGGAACATCATCAACATGCAC 906
||| ||| ||| ||| ||| ||| ||| |||
Db 2 GGCAAAATCATCAACATCAAC 22

RESULT 383
 US-10-115-482-143
 : Sequence 143, Application US/10115482
 : Publication No. US20030212257A1
 : GENERAL INFORMATION:
 : APPLICANT: Spytek, et al.
 : TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
 : TITLE OF INVENTION: AND METHODS
 : TITLE OF INVENTION: OF USING THE SAME
 : FILE REFERENCE: 21404-322D
 : CURRENT APPLICATION NUMBER: US/10/115,482
 : CURRENT FILING DATE: 2002-04-05
 : PRIOR APPLICATION NUMBER: 60/281,086
 : PRIOR FILING DATE: 2001-04-03
 : PRIOR APPLICATION NUMBER: 60/281,136
 : PRIOR FILING DATE: 2001-04-03
 : PRIOR APPLICATION NUMBER: 60/281,863
 : PRIOR FILING DATE: 2001-04-05
 : PRIOR APPLICATION NUMBER: 60/281,906
 : PRIOR FILING DATE: 2001-04-05
 : PRIOR APPLICATION NUMBER: 60/282,934
 : PRIOR FILING DATE: 2001-04-10
 : PRIOR APPLICATION NUMBER: 60/283,512
 : PRIOR FILING DATE: 2001-04-12
 : PRIOR APPLICATION NUMBER: 60/285,325
 : PRIOR FILING DATE: 2001-04-19
 : PRIOR APPLICATION NUMBER: 60/285,890
 : PRIOR FILING DATE: 2001-04-23
 : PRIOR APPLICATION NUMBER: 60/286,068
 : PRIOR FILING DATE: 2001-04-24
 : PRIOR APPLICATION NUMBER: 60/286,292
 : PRIOR FILING DATE: 2001-04-25
 : PRIOR APPLICATION NUMBER: 60/287,213
 : PRIOR FILING DATE: 2001-04-27
 : PRIOR APPLICATION NUMBER: 60/288,257
 : PRIOR FILING DATE: 2001-05-02
 : PRIOR APPLICATION NUMBER: 60/291,134
 : PRIOR FILING DATE: 2001-05-15
 : PRIOR APPLICATION NUMBER: 60/282,020
 : PRIOR FILING DATE: 2001-04-06
 : PRIOR APPLICATION NUMBER: 60/291,725
 : PRIOR FILING DATE: 2001-05-17
 : PRIOR APPLICATION NUMBER: 60/294,771
 : PRIOR FILING DATE: 2001-05-31
 : PRIOR APPLICATION NUMBER: 60/296,965
 : PRIOR FILING DATE: 2001-06-08
 : PRIOR APPLICATION NUMBER: 60/299,128
 : PRIOR FILING DATE: 2001-06-08
 : NUMBER OF SEQ ID NOS: 149
 : SEQ ID NO 143
 : LENGTH: 22
 : TYPE: DNA
 : ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-482-143

```

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY
600 TGGGAAACTGGAGACCTACAT 620

Dbb
2 TAGGAAAATGGAGCGCCTACAT 22

```

RESULT 384
US-10-444-575-35
; Sequence 35, Application US/10444575
; Publication No. US20030232374A1
; GENERAL INFORMATION:
; APPLICANT: University of Connecticut Health Center
; APPLICANT: Kuchel, George A
; APPLICANT: Zhu, Qing
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated
; TITLE OF INVENTION: Protein (DERP)
; FILE REFERENCE: UCT-0035
; CURRENT APPLICATION NUMBER: US/10/444,575
; CURRENT FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US 60/382,830
; PRIOR FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-444-575-35

```

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 957 CCGGCAGAAAGGTGCTACACCG 977
D**b** 1 CAGGCAGAAAGAGGCTATACCG 21

RESULT 385
US-10-161-927-37/c
; Sequence 97, Application US/10161927
; Publication No. US20030235821A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Miller, Charles E.
; APPLICANT: Hjalt, Tord
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Baumgartner, Jason C.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Gorman, Linda
; APPLICANT: Anderson, David W.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Patturajan, Meera
; APPLICANT: Stone, David J.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
; TITLE OF INVENTION: THE SAME
; FILE REFERENCE: 21402-377 D (Cura 677 Other)
; CURRENT APPLICATION NUMBER: US/10/161,927

```

CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/295,661
PRIOR FILING DATE: 2001-06-04
PRIOR APPLICATION NUMBER: 60/295,607
PRIOR FILING DATE: 2001-06-04
PRIOR APPLICATION NUMBER: 60/296,404
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/296,418
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/296,575
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: 60/297,414
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: 60/297,567
PRIOR FILING DATE: 2001-06-12
PRIOR APPLICATION NUMBER: 60/298,528
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/325,685
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/299,133
PRIOR FILING DATE: 2001-06-18
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 190
SEQ ID NO 97
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
-10-161-927-97

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

155 TGTCAATGACACTCGAGGTG 175
|||||
22 TGTCTATGACACTGCAAGGAG 2

SULT 386
-10-114-270-237
Sequence 237, Application US/10114270
Publication No. US20040030110A1
GENERAL INFORMATION:
APPLICANT: Guo, Xiaojia
APPLICANT: Kekuda, Ramesh
APPLICANT: Miller, Charles E.
APPLICANT: Malyankar, Uriel M.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Patturajan, Meera
APPLICANT: Liu, Zhaozhong
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Li, Li
APPLICANT: Vernet, Corine
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Gorman, Linda
APPLICANT: Shenoy, Suresh G.
APPLICANT: Pena, Carol E.A.
APPLICANT: Smithson, Glennda
APPLICANT: Burgess, Catherine E.
APPLICANT: Gerlach, Valerie
APPLICANT: Padigar, Muradidhara
APPLICANT: Shimkets, Richard A.
APPLICANT: Gangolli, Esha A.
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Casman, Stacie J.
APPLICANT: Ji, Weizhen
APPLICANT: Anderson, David W.
APPLICANT: Lietze, Mario W.
APPLICANT: Rastelli, Luca
APPLICANT: Edinger, Shalomit R.
APPLICANT: Stone, David J.

```

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APPLICANT: MacDougall, John R.
APPLICANT: Rothenberg, Mark E.
TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-322C
CURRENT APPLICATION NUMBER: US/10/114,270
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,863
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/281,906
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/282,020
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/282,930
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/283,710
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/284,234
PRIOR FILING DATE: 2001-04-17
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 470
SEQ ID NO 237
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-237

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 600 TGGGAACTGGAGACCTACAT 620
|||||
DB 2 TAGGAAAATGGACGCTACAT 22

RESULT 387
US-10-333-068-68/c
Sequence 68, Application US/10333068
Publication No. US20040101863A1
GENERAL INFORMATION:
APPLICANT: HATTORI, Hiroaki
TITLE OF INVENTION: METHOD OF DETECTING ABNORMALITY OF LIPID METABOLISM
FILE REFERENCE: Q73807
CURRENT APPLICATION NUMBER: US/10/333,068
CURRENT FILING DATE: 2003-01-16
PRIOR APPLICATION NUMBER: PCT/JP01/06153
PRIOR FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: JPA 2000-218039
PRIOR FILING DATE: 2000-07-18
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn version 3.2
SEQ ID NO 68
LENGTH: 22
TYPE: DNA
ORGANISM: Hominidae
FEATURE:
NAME/KEY: exon
LOCATION: (1)..(21)
US-10-333-068-68

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

QY 1331 ACCGAGCGAGCGCCTTTTGA 1351
|||||
Db 22 ACCGAGCGAGCGCCTTTGA 2

RESULT 388
US-09-827-998-543
; Sequence 543, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-543

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTCGTTCTGCACG 302
|||||
Db 2 AACTCGTTCTGCACG 17

RESULT 389
US-09-827-998-545
; Sequence 545, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-545

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 288 ACTCGTTCTGCACG 303
|||||
Db 1 ACTCGTTCTGCACG 16

RESULT 390
US-09-263-959-900/c
; Sequence 900, Application US/09263959

; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 900:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-900

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGG 245
|||||
Db 17 GTGGTGGTGGTGG 2

RESULT 391
US-09-825-805-504
; Sequence 504, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adams, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04

PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 504
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-825-805-504

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

49 CCAGCAGTGTCACTGC 64
||||| |:|:|:|:|
1 CCAGCUGUGAGUCGC 16

SULT 392

-09-818-875-2930/c
Sequence 2930, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/09/818,875

CURRENT FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/208,538

PRIOR FILING DATE: 2000-06-01

PRIOR APPLICATION NUMBER: US 60/244,989

PRIOR FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 4385

SOFTWARE: Friedman macro Napro4

SEQ ID NO 2930

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-09-818-875-2930

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGGCT 1646
||||| |:|:|:|:|
17 CCAGCAGGCGTGGCT 2

SULT 393

-09-818-875-2931
Sequence 2931, Application US/09818875
Publication No. US20030051270A1

GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/09/818,875

CURRENT FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-2931

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCGGCT 1646
||||| |:|:|:|:|
Db 1 CCAGCAGGCGTGGCT 16

RESULT 394

US-09-927-046-967

Sequence 967, Application US/09927046

Publication No. US20030064946A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc

APPLICANT: McSwiggen, Jim

APPLICANT: Thompson, Jim

APPLICANT: McKenzie, Tim

APPLICANT: Ayers, Dave

APPLICANT: Grupe, Andrew

APPLICANT: Szymkowski, Edmund

TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori

TITLE OF INVENTION: Channel-1

FILE REFERENCE: 249/021

CURRENT APPLICATION NUMBER: US/09/927,046

CURRENT FILING DATE: 2001-08-09

NUMBER OF SEQ ID NOS: 5450

SOFTWARE: PatentIn version 3.0

SEQ ID NO 967

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-927-046-967

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACAGAC 687
||||| |:|:|:|:|
Db 1 AAGCAAGCTCACAAAC 16

RESULT 395

US-09-927-046-1610

Sequence 1610, Application US/09927046

Publication No. US20030064946A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc

APPLICANT: McSwiggen, Jim

APPLICANT: Thompson, Jim

APPLICANT: McKenzie, Tim

APPLICANT: Ayers, Dave

APPLICANT: Grupe, Andrew

APPLICANT: Szymkowski, Edmund

TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori

TITLE OF INVENTION: Channel-1

FILE REFERENCE: 249/021

```
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1610

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 146 AACGGCAGCTGCAAT 161
Db 2 AACUGCAGCUGCAAU 17

RESULT 396
US-09-927-046-1931
; Sequence 1931, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1931
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 4.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 604 AAACGTGAGACCTACA 619
Db 1 AAACUGAGACCUACA 16

RESULT 397
US-09-927-046-1995
; Sequence 1995, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1995
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1995

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1573 TCAGGCAGGCCAGCTT 1588
Db 2 UCAAGCAGGCCAGCUU 17

RESULT 398
US-09-780-164-740/c
; Sequence 740, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-740

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 395 ATCAGGTGCAGTCTCC 410
Db 17 ATCAGGTGCAGTCTCC 2

RESULT 399
US-10-060-756A-63/c
; Sequence 63, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
```

```
SEQ ID NO 63
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-63

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

40 GCAGGAGGACGAGCAG 55
|||||
17 GCAGGAGGACGAGCAG 2

SULT 400
-10-060-756A-64/c
Sequence 64, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 64
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-64

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

40 GCAGGAGGACGAGCAG 55
|||||
16 GCAGGAGGACGAGCAG 1

SULT 401
-10-163-552-249
Sequence 249, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
FILE REFERENCE: HER2
FILE REFERENCE: MBH01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 249
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-249

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 4.3e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCACGAGTGTGACTGC 64
|||||
DB 1 CCAGCUGUGACUGC 16

RESULT 402
US-10-156-306-5004/c
; Sequence 5004, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5004
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5004

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCC 937
|||||
DB 16 CTGCTCCAGCTGCTCC 1
```

```
RESULT 403
US-10-238-700-301/c
; Sequence 301, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4686
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 301
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-301

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 361 GCGGAGAGTGACGAGG 376
|||||
DB 17 GCGGAGAGTGACCATG 2
```



```
RESULT 404
US-10-260-638-183/c
; Sequence 183, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: Napro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 183
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: targeting oligonucleotide
US-10-260-638-183

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 GCCATCCGGGAAGTGT 760
      | ||||| ||||| |||||
Db 16 GGCATCCGGGAAGTGT 1

RESULT 405
US-10-260-638-184
; Sequence 184, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: Napro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: targeting oligonucleotide
US-10-260-638-184

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 GCCATCCGGGAAGTGT 760
      | ||||| ||||| |||||
Db 2 GGCATCCGGGAAGTGT 17

RESULT 406
US-10-209-787-2930/c
; Sequence 2930, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: GAMPER, HOWARD B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCAGCGGCT 1646
      | ||||| ||||| |||||
Db 1 CCAGCAGGCAGCGGCT 16

RESULT 407
US-10-209-787-2931
; Sequence 2931, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: GAMPER, HOWARD B.
; APPLICANT: RICE, MICHAEL C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCAGCGGCT 1646
      | ||||| ||||| |||||
Db 1 CCAGCAGGCAGCGGCT 16
```

SULT 409
-10-261-185-2930/c
Sequence 2930, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Stranded Oligonucleotides
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2930
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-261-185-2930

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGCGCT 1646
|||||
17 CCAGCAGGCGCTGGCT 2

SULT 409
-10-261-185-2931
Sequence 2931, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Stranded Oligonucleotides
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-261-185-2931

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGGCGCGCT 1646
|||||
17 CCAGCAGGCGCTGGCT 2

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1631 CCAGCAGGCGCGCT 1646
|||||
Db 1 CCAGCAGGCGCTGGCT 16

RESULT 410
US-10-675-685-543
; Sequence 543, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-543

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCACG 302
|||||
Db 2 AACTTCGTTCTGCACG 17

RESULT 411
US-10-675-685-545
; Sequence 545, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-545

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 288 ACTTCGTTCTGCACG 303
|||||
Db 1 ACTTCGTTCTGCACG 16

```
RESULT 412
US-10-138-674-6740
; Sequence 6740, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6740

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.3e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1034 ACTTGGCCTGGCCG 1049
||::|||:|||||
Db 1 ACUUGGCUUGGCCG 16

RESULT 413
US-10-138-674-7642/c
; Sequence 7642, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7642
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7642

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1503 TTCCATATTGCACTA 1518
|||||
Db 16 TTCCATATTGCACTA 1

RESULT 414
US-10-287-949A-6740
; Sequence 6740, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6740

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 4.3e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1034 ACTTGGCCTGGCCG 1049
||::|||:|||||
Db 1 ACUUGGCUUGGCCG 16

RESULT 415
US-10-287-949A-7642/c
; Sequence 7642, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCES: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7642
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-7642

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1503 TTCCATATTGCACTA 1518
|||||
Db 16 TTCCATATTGCACTA 1

RESULT 416
US-10-681-074-2930/c
; Sequence 2930, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCES: Napro-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
```

```
SEQ ID NO 2930
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-681-074-2930

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGCGCGGCT 1646
|||||
17 CCAGCAGCGCGTGGCT 2

SULT 417
-10-681-074-2931
Sequence 2931, Application US/10681074
Publication No. US2004017522A1
GENERAL INFORMATION:
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
FILE REFERENCE: NaPro-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2931
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-681-074-2931

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1631 CCAGCAGCGCGGCT 1646
|||||
1 CCAGCAGCGCGTGGCT 16

SULT 418
-09-263-959-921/c
Sequence 921, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
```

```
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 921:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-921

Query Match          0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGGCGG 245
|||||
Db 17 GTGGTGGTGGTGGTGG 2

RESULT 419
US-10-197-290-19/c
Sequence 19, Application US/10197290
Publication No. US20030083300A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
FILE REFERENCE: RTSP-0421
CURRENT APPLICATION NUMBER: US/10/197,290
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: 09/857,299
PRIOR FILING DATE: 2001-20-04
PRIOR APPLICATION NUMBER: PCT/US99/22083
PRIOR FILING DATE: 1999-09-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 19
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-197-290-19

Query Match          0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 513 CCTGGAGAAGCTGACC 528
|||||
Db 16 CCTGGAGAAGTTGACC 1

RESULT 420
US-10-317-449-67/c
Sequence 67, Application US/10317449
Publication No. US20030124608A1
GENERAL INFORMATION:
APPLICANT: MORIYA, Shogo
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: SUZUKI, Osamu
APPLICANT: URANO, Akihisa
APPLICANT: ABE, Syuichi
TITLE OF INVENTION: METHOD FOR DETERMINING CHUM SALMON HAPLOTYPE
FILE REFERENCE: OF1406
```

```
; CURRENT APPLICATION NUMBER: US/10/317,449
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: JP 2001-379926
; PRIOR FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-10-317-449-67
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 615 CTACATTAAAGCTGGAC 630
      ||||| ||||| |||||
Db 17 CTACATTAAAGCAGGAC 2
```

```
RESULT 421
US-10-388-263-172/c
; Sequence 172, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 172
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-172
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 513 CCTGGAGAGCTGACC 528
      ||||| ||||| |||||
Db 16 CCTGGAGAGATTGACC 1
```

```
RESULT 422
US-10-349-143-5066/c
; Sequence 5066, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
```

```
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5066
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-20616 for SEQ 1132,
US-10-349-143-5066
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 871 TACCTGGATGACTGTG 886
      ||||| ||||| |||||
Db 17 TACCTGGATAACTGTG 2
```

```
RESULT 423
US-10-318-628-9
; Sequence 9, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-9
```

```
Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 230 GTGGTGGTGGTGGCGG 245
      ||||| ||||| |||||
Db 3 GTGGTGGTGGTGGTG 18
```

```
RESULT 424
US-10-316-755-14
; Sequence 14, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: GENSET.020CP1
```

FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 14
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Probe
-10-316-755-14

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1721 GCCATGTTCACTGCC 1736
||||| |||||
3 GCCATGGTCACTGCC 18

SULT 425
-10-474-481A-34/c
Sequence 34, Application US/10474481A
Publication No. US20040171067A1
GENERAL INFORMATION:
APPLICANT: HINUMA, SYUJI
APPLICANT: FUJII, RYO
APPLICANT: KAWAMATA, YUUI
APPLICANT: MIWA, MASANORI
APPLICANT: HOSoya, MASAKI
TITLE OF INVENTION: SCREENING METHOD
FILE REFERENCE: 59974(46342)
CURRENT APPLICATION NUMBER: US/10/474,481A
CURRENT FILING DATE: 2003-10-08
PRIOR APPLICATION NUMBER: PCT/JP02/03613
PRIOR FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: JP 2001-114203
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: JP 2001-180562
PRIOR FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: JP 2001-214922
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: JP 2001-397767
PRIOR FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: JP 2002-45728
PRIOR FILING DATE: 2002-02-22
NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 34
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer
OTHER INFORMATION: designed for TNF alpha mRNA quantification
-10-474-481A-34

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

676 AAGCTCACACAAACC 691
||||| |||||
17 AAGCTCAGGACAACC 2

SULT 426
-09-898-361-105/c
Sequence 105, Application US/09898361
Publication No. US20030008732A1
GENERAL INFORMATION:
APPLICANT: Susan Murray

APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-105

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 930 GCTGCTCCGTGGCCTG 945
||||| |||||
Db 19 GCTGCTCCGGGGCCTG 4

RESULT 427
US-09-888-361-105/c
Sequence 105, Application US/09888361
Publication No. US20030064944A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-105

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 930 GCTGCTCCGTGGCCTG 945
||||| |||||
Db 19 GCTGCTCCGGGGCCTG 4

RESULT 428
US-10-032-585-5572
Sequence 5572, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5572
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans

APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 105
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-105

UN-10-032-585-5572

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
|||||
Cb 4 GTGGTGGTGGTGGTGG 19

RESULT 429

US-10-361-725A-24/c
; Sequence 24, Application US/10361725A
; Publication No. US20040009541A1
; GENERAL INFORMATION:
; APPLICANT: Singh, Bhuvanesh
; APPLICANT: Reddy, Prabhathi G.
; TITLE OF INVENTION: No. US20040009541A1e1 Carcinoma-Related Genes and
; TITLE OF INVENTION: Polypeptides and Methods of Use Thereof
; FILE REFERENCE: 402-01
; CURRENT APPLICATION NUMBER: US/10/361,725A
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/355,009
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-361-725A-24

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 AGTGCCCTGCTCAAG 771
|
Cb 20 ACTGTCCTGCTCAAG 5

RESULT 430

US-10-436-715-90/c
; Sequence 90, Application US/10436715
; Publication No. US20040018976A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING NOVEL HUMAN G-PROTEIN COUPLED RECEPTORS,
; TITLE OF INVENTION: AND SPICE VARIANTS THEREOF
; FILE REFERENCE: D0262 NP
; CURRENT APPLICATION NUMBER: US/10/436,715
; CURRENT FILING DATE: 2003-05-13
; PRIOR APPLICATION NUMBER: U.S. 60/380,336
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-436-715-90

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 956 ACCGGCAGAGGTGCT 971
|||||
Cb 16 ACCGGAAGAAGGTGCT 1

RESULT 431

US-10-215-821-54
; Sequence 54, Application US/10215821
; Publication No. US20040029274A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG5 EXPRESSION
; FILE REFERENCE: RTS-0155
; CURRENT APPLICATION NUMBER: US/10/215,821
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 111
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-821-54

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 CGAGGTGGCCGAGGCA 184
|||||
Db 3 CGAGGTGGCCGAGGCA 18

RESULT 432

US-10-418-251-8
; Sequence 8, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; CURRENT FILING DATE: 2003-04-18
; PRIOR APPLICATION NUMBER: US/09/033,936
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-8

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGAGAGTGA 371
|||||
Db 5 CTGATGGTGAAGAGTGA 20

RESULT 433

US-10-298-994-85/c
; Sequence 85, Application US/10298994
; Publication No. US20040097446A1
; GENERAL INFORMATION:
; APPLICANT: William M. Gaarde
; APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Dobie
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
FILE REFERENCE: HTS-0006
CURRENT APPLICATION NUMBER: US/10/298,994
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-298-994-85

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1031 CTGACTTTGGCTGGC 1046
|||||
19 CTGACTTTGGCTGGC 4

SULT 434
-10-298-994-192
Sequence 192, Application US/10298994
Publication No. US20040097446A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE 1 EXPRESSION
FILE REFERENCE: HTS-0006
CURRENT APPLICATION NUMBER: US/10/298,994
CURRENT FILING DATE: 2002-11-16
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 192
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
-10-298-994-192

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1031 CTGACTTTGGCTGGC 1046
|||||
2 CTGACTTTGGCTGGC 17

SULT 435
-10-671-074-64/c
Sequence 64, Application US/10671074
Publication No. US20040097459A1
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
APPLICANT: Bhanot, Sanjay
APPLICANT: Veniant-Ellison, Murielle
APPLICANT: Lindberg, Richard A.
APPLICANT: Shutter, John R.
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX O1A EXPRESSION
FILE REFERENCE: AMGN0001-101
CURRENT APPLICATION NUMBER: US/10/671,074
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: US 10/260,203
PRIOR FILING DATE: 2002-09-26
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 64
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Antisense Oligonucleotide
US-10-671-074-64

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1383 CGACCTCTCACCAG 1398
|||||
Db 20 CGACCTCATCACCAG 5

RESULT 436
US-10-718-948-4
Sequence 4, Application US/10718948
Publication No. US20040127575A1
GENERAL INFORMATION:
APPLICANT: Feng, Ying
APPLICANT: Higgings, Linda
APPLICANT: Kapoun, Ann
APPLICANT: Liu, David
APPLICANT: Schreiner, George
TITLE OF INVENTION: METHOD FOR COUNTERACTING A PATHOLOGIC
TITLE OF INVENTION: CHANGE IN THE BETA-ADRENERGIC PATHWAY
FILE REFERENCE: 39739-0029
CURRENT APPLICATION NUMBER: US/10/718,948
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/504585
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: 60/429046
PRIOR FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-718-948-4

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1315 TACAACATACCCCAAGT 1330
|||||
Db 4 TACAACGACCCCAAGT 19

RESULT 437
US-10-671-395-766/c
Sequence 766, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp. K
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 766
LENGTH: 20
TYPE: DNA
ORGANISM: artificial

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-766

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGGAGAGCTG 525
DB 20 CTACCTGGGAGAGCTG 5

RESULT 438
US-10-671-395-992/c
Sequence 992, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 992
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-992

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGGAGAGCTG 525
DB 19 CTACCTGGGAGAGCTG 4

RESULT 439
US-09-765-081-326
Sequence 326, Application US/09765081
Patent No. US20020037508A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825 2008-001
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 326
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-765-081-326

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 5.3e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 886 GGGACATCATCAACATG 903

DB 2 GGGACAGCMTCACATG 19

RESULT 440
US-09-881-012-24/c
Sequence 24, Application US/09881012
Publication No. US20020192655A1
GENERAL INFORMATION:
APPLICANT: Gims, Edward I.
APPLICANT: Egeland, Janice A.
APPLICANT: Paul, Steven M.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Susceptibility and Resistance Genes for
TITLE OF INVENTION: Bipolar Affective Disorder
FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US/09/175,158
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: US 60/062,924
PRIOR FILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D15S1032 primer
US-09-881-012-24

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 315 CTCTGCACCAGAGATT 330
DB 18 CTATGCACCAGAGATT 3

RESULT 441
US-10-184-085A-1062
Sequence 1062, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1062
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-1062

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCCGCTC 570
DB 6 CCTCAGCCGCCGCCC 21

SULT 442
-10-184-085A-1065
Sequence 1065, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1065
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-184-085A-1065

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTC 570
|||||
3 CCTCAGCGCGCGCCC 18

SULT 443
-10-184-085A-1099
Sequence 1099, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1099
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-184-085A-1099

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTC 570
|||||
5 CCTCAGCGCGCGCCC 20

SULT 444
-10-184-085A-1100
Sequence 1100, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.

APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1100
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-1100

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTC 570
|||||
Db 4 CCTCAGCGCGCGCCC 19

RESULT 445
US-10-184-085A-1102
Sequence 1102, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1102
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-1102

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTC 570
|||||
Db 2 CCTCAGCGCGCGCCC 17

RESULT 446
US-10-184-085A-1103
Sequence 1103, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291

```
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1103
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
(8-10-184-085A-1103

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 CTCACGCCCGCCTC 570
      |||||
Db 1 CCTCAGCGCGCGCCC 16

RESULT 447
US-10-786-720-13048/c
; Sequence 13048, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13048
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13048

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
      |||||
Db 19 GGATAAAGAAGATCAA 4

RESULT 448
US-10-786-720-13049/c
; Sequence 13049, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13049
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-13049

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
      |||||
Db 19 GGATAAAGAAGATCAA 4

RESULT 449
US-10-786-720-13050
; Sequence 13050, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13050
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-13050

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
      |||||
Db 3 GGAUAAAGAAGAUCAA 18

RESULT 450
US-10-786-720-13099/c
; Sequence 13099, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13099
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13099

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAA 146
      |||||
Db 20 GGATAAAGAAGATCAA 5

RESULT 451
US-10-786-720-13100/c
; Sequence 13100, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
```

FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13100

LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
-10-786-720-13100

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

131 GGATGAAGAGATCAA 146
|||||
18 GGATAAAGAGATCAA 3

SULT 452

-10-786-720-13101
Sequence 13101, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2

SEQ ID NO 13101

LENGTH: 21

TYPE: RNA

ORGANISM: RNAi-antisense strand

-10-786-720-13101

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

131 GGATGAAGAGATCAA 146
|||||
2 GGAUAAAGAGAUCAA 17

SULT 453

-10-606-133-219
Sequence 219, Application US/10606133
Publication No. US20040132047A1

GENERAL INFORMATION:

APPLICANT: Fortina, Paolo

APPLICANT: Maris, John M.

APPLICANT: Gelfand, Craig A.

TITLE OF INVENTION: Methods for Detection of Genetic

TITLE OF INVENTION: Alterations Associated with Cancer

FILE REFERENCE: CHOP.0182US

CURRENT APPLICATION NUMBER: US/10/606,133

CURRENT FILING DATE: 2003-06-25

PRIOR APPLICATION NUMBER: 60/391,515

PRIOR FILING DATE: 2002-06-25

NUMBER OF SEQ ID NOS: 282

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 219

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-10-606-133-219

Query Match 0.8%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 402 GCAGTCTCCAGTGAGA 417
|||||
DB 5 GAAGTCTCCAGTGAGA 20

RESULT 454

US-09-912-680-1

Sequence 1, Application US/09912680

Publication No. US20010051611A1

GENERAL INFORMATION:

APPLICANT: Srivastava, Arun

APPLICANT: Ponnazhagan, Selvarangan

APPLICANT: Chloemer, Robert H.

APPLICANT: Wang, Xu-Shan

APPLICANT: Yoder, Mervin C.

APPLICANT: Zhou, Shang-Zhen

APPLICANT: Escobedo, Jaime

APPLICANT: Varivani, Dwardi

TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)

FILE REFERENCE: 1242.003

CURRENT APPLICATION NUMBER: US/09/912,680

CURRENT FILING DATE: 2001-07-24

PRIOR APPLICATION NUMBER: US/08/921,497

PRIOR FILING DATE: 1997-09-02

PRIOR APPLICATION NUMBER: US 60/025,616

PRIOR FILING DATE: 1996-09-06

PRIOR APPLICATION NUMBER: US 60/025,649

PRIOR FILING DATE: 1996-09-11

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: The full sequence for lacZ from plasmid pCMV p-lacZ is found in
OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: primer for lacZ

US-09-912-680-1

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 223 GATGAGAGTGGTGGTG 241
|||||
DB 1 GATGAGCGTGGTGGTTATG 19

RESULT 455

US-09-908-594-51/c

Sequence 51, Application US/09908594

Publication No. US20020187950A1

GENERAL INFORMATION:

APPLICANT: Lafleur, et al.

TITLE OF INVENTION: Keratinocyte Derived Interferon

FILE REFERENCE: PF482P2

CURRENT APPLICATION NUMBER: US/09/908,594

CURRENT FILING DATE: 2001-07-20

PRIOR APPLICATION NUMBER: 60/292,934

PRIOR FILING DATE: 2001-05-24

PRIOR APPLICATION NUMBER: 60/219,621

PRIOR FILING DATE: 2000-07-21

PRIOR APPLICATION NUMBER: 09/487,792

PRIOR FILING DATE: 2000-01-20

;; PRIOR APPLICATION NUMBER: US00/01239
;; PRIOR FILING DATE: 2000-01-20
;; PRIOR APPLICATION NUMBER: 09/358,587
;; PRIOR FILING DATE: 1999-07-21
;; PRIOR APPLICATION NUMBER: US99/16424
;; PRIOR FILING DATE: 1999-07-21
;; PRIOR APPLICATION NUMBER: 60/093,643
;; PRIOR FILING DATE: 1998-07-21
;; NUMBER OF SEQ ID NOS: 57
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 51
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; NAME/KEY: Primer Bind
;; OTHER INFORMATION: Synthetic primer complementary to the human IFN α 2.
US-09-908-594-51

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 926 TCACGTGCTCCGGGCGCT 944
||| ||||| ||||| |||||
Db 19 TCAAGCTGCTCTGTGGGCT 1

RESULT 456
US-09-844-653-113
;; Sequence 113, Application US/09844653
;; Publication No. US20030054347A1
;; GENERAL INFORMATION:
;; APPLICANT: Richards, Julia
;; APPLICANT: Rozsa, Frank
;; TITLE OF INVENTION: Detecting and Treating Eye Disease
;; FILE REFERENCE: UM-06105
;; CURRENT APPLICATION NUMBER: US/09/844,653
;; CURRENT FILING DATE: 2001-04-27
;; NUMBER OF SEQ ID NOS: 173
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 113
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-09-844-653-113

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCCATCTTCTCTC 1464
||| ||||| ||||| |||||
Db 1 GATCCATCCATCTTCTCAC 19

RESULT 457
US-10-046-671B-11/c
;; Sequence 11, Application US/10046671B
;; Publication No. US20030152592A1
;; GENERAL INFORMATION:
;; APPLICANT: Boot, Hendrik J.
;; APPLICANT: Huurne ter, Anna A.H.M
;; APPLICANT: Peeters, Bernardus P.H.
;; TITLE OF INVENTION: Mosaic Infectious Bursal Disease Virus Vaccines
;; FILE REFERENCE: 2183-5238US
;; CURRENT APPLICATION NUMBER: US/10/046,671B
;; CURRENT FILING DATE: 2002-01-14
;; PRIOR APPLICATION NUMBER: PCT/NL00/00493
;; PRIOR FILING DATE: 2000-07-13
;; PRIOR APPLICATION NUMBER: EP 99202316.8

;; PRIOR FILING DATE: 1999-07-14
;; NUMBER OF SEQ ID NOS: 87
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 11
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Infectious bursal disease virus
;; FEATURE:
;; NAME/KEY: misc feature
;; OTHER INFORMATION: Primer AC9
US-10-046-671B-11

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1167 GGGCTGCATCTTCTATGAG 1185
||| ||||| ||||| |||||
Db 19 GGTCTCCATCTTCTTTGAG 1

RESULT 458
US-10-109-799-1
;; Sequence 1, Application US/10109799
;; Publication No. US20030166284A1
;; GENERAL INFORMATION:
;; APPLICANT: Srivastava, Arun
;; APPLICANT: Ponnazhagan, Selvarangan
;; APPLICANT: Chloemer, Robert H.
;; APPLICANT: Wang, Xu-Shan
;; APPLICANT: Yoder, Mervin C.
;; APPLICANT: Zhou, Shang-Zhen
;; APPLICANT: Escobedo, Jaime
;; APPLICANT: Variwani, Dwaraki
;; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
;; FILE REFERENCE: 1242.003
;; CURRENT APPLICATION NUMBER: US/10/109,799
;; CURRENT FILING DATE: 2002-03-28
;; PRIOR APPLICATION NUMBER: US/08/921,497
;; PRIOR FILING DATE: 1997-09-02
;; PRIOR APPLICATION NUMBER: US 60/025,616
;; PRIOR FILING DATE: 1996-09-06
;; PRIOR APPLICATION NUMBER: US 60/025,649
;; PRIOR FILING DATE: 1996-09-11
;; NUMBER OF SEQ ID NOS: 26
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 1
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: The full sequence for lacZ from plasmid PCMV p-lacZ is found in
;; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
;; NAME/KEY: misc feature
;; OTHER INFORMATION: primer for lacZ
US-10-109-799-1

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 223 GATGAGGTGGTGGTGGTG 241
||| ||||| ||||| |||||
Db 1 GATGAGGTGGTGGTTATG 19

RESULT 459
US-10-313-211-12/c
;; Sequence 12, Application US/10313211
;; Publication No. US20030224385A1
;; GENERAL INFORMATION:
;; APPLICANT: Pihan, German

TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION

TITLE OF INVENTION: USING MICROARRAYS

FILE REFERENCE: 07917-158001

CURRENT APPLICATION NUMBER: US/10/313,211

CURRENT FILING DATE: 2002-12-06

PRIOR APPLICATION NUMBER: US 60/338,442

PRIOR FILING DATE: 2001-12-07

PRIOR APPLICATION NUMBER: US 60/423,793

PRIOR FILING DATE: 2002-11-05

NUMBER OF SEQ ID NOS: 159

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 12

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: primer

-10-313-211-12

Query Match 0.8%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 5.2e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1674 AGCCCCCAACTACATCTTC 1692

19 AGCCCCCAACTTCTCTGCG 1

SULT 460

-10-188-779A-13/c

Sequence 13, Application US/10188779A

Publication No. US20040005567A1

GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean

APPLICANT: Susan M. Freier

APPLICANT: Kenneth W. Doble

TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION

FILE REFERENCE: P79-0042

CURRENT APPLICATION NUMBER: US/10/188,779A

CURRENT FILING DATE: 2002-07-02

NUMBER OF SEQ ID NOS: 282

SEQ ID NO 13

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

-10-188-779A-13

Query Match 0.8%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 5.2e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1153 GACATGTGGGGTGGGCT 1171

19 GACATGTGGAGGTTGGCT 1

SULT 461

-10-380-236A-20/c

Sequence 20, Application US/10380236A

Publication No. US20040126860A1

GENERAL INFORMATION:

APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS

APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND

APPLICANT: HUMAN SERVICES

APPLICANT: Epstein, Neal

APPLICANT: Hassanzadeh, Shahin

APPLICANT: Davis, Julien S.

APPLICANT: Winitzky, Steven S.

TITLE OF INVENTION: Optimize Cardiac Contraction Through Differential Phosphorylation

FILE REFERENCE: 4239-64779

CURRENT APPLICATION NUMBER: US/10/380,236A

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: US 60/232,246

PRIOR FILING DATE: 2000-09-12

PRIOR APPLICATION NUMBER: US 60/232,456

PRIOR FILING DATE: 2000-09-13

PRIOR APPLICATION NUMBER: PCT/US01/28639

PRIOR FILING DATE: 2001-09-12

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn version 3.1

SEQ ID NO 20

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: rabbit skeletal muscle

US-10-380-236A-20

Query Match 0.8%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 5.2e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 969 GCTACACCGACACCTCAAG 987

DB 19 GCTGACCTGGACCTCAAG 1

RESULT 462

US-10-665-951-188

Sequence 188, Application US/10665951

Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwigggen, James

APPLICANT: Beigelman, Leonid

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: 400/131 (MHE02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 188

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense

US-10-665-951-188

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 5.2e+02;
Matches 12; Conservative 4; Mismatches 3; Indels

QY 1033 GACTTTGGCCTGCCCCGAG 1051
|||:::|||:
DQ 1 GAUUUUGGCCCUUGCCCCGGG 19

RESULT 463

```

US-10-665-951-615/C
? Sequence 615, Application US/10665951
? Publication No. US20040138163A1
?
? GENERAL INFORMATION:
?
? APPLICANT: Sirna Therapeutics, Inc.
? APPLICANT: McSwiggen, James
? APPLICANT: Beigelman, Leonid
? APPLICANT: Pavco, Pamela
?
? TITLE OF INVENTION: RNA Interference Mediators
? TITLE OF INVENTION: Growth Factor and VEGF Inhibitors
? TITLE OF INVENTION: Gene Expression Using siRNA
? FILE REFERENCE: 400/131 (MBH02-742-F)
? CURRENT APPLICATION NUMBER: US/10/665,951
? CURRENT FILING DATE: 2003-09-18
? PRIOR APPLICATION NUMBER: US 10/664,668
? PRIOR FILING DATE: 2003-09-18
? PRIOR APPLICATION NUMBER: PCT/US 03/050222
? PRIOR FILING DATE: 2003-02-20
? PRIOR APPLICATION NUMBER: US 60/399,348
? PRIOR FILING DATE: 2002-07-29
? PRIOR APPLICATION NUMBER: US 60/393,796
? PRIOR FILING DATE: 2002-07-03
? PRIOR APPLICATION NUMBER: US 10/287,949
? PRIOR FILING DATE: 2002-11-04
? PRIOR APPLICATION NUMBER: US 10/306,747
? PRIOR FILING DATE: 2002-11-27
? PRIOR APPLICATION NUMBER: PCT/US 02/17674
? PRIOR FILING DATE: 2002-05-29
? PRIOR APPLICATION NUMBER: US 60/358,580
? PRIOR FILING DATE: 2002-02-20
? PRIOR APPLICATION NUMBER: US 60/363,124
? PRIOR FILING DATE: 2002-03-11
? PRIOR APPLICATION NUMBER: US 60/386,782
? PRIOR FILING DATE: 2002-06-06
? Remaining Prior Application data removed
? NUMBER OF SEQ ID NOS: 2455
? SOFTWARE: Patent In version 3.2

```

```
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1927
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-665-951-1927

Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1036 TTTCGCTGGCCGAGCA 1054
|||||
19 TTTCGCTGGCCGAGCA 1

SULT 466
-10-683-990-23/c
Sequence 23, Application US/10683990
Publication No. US20040198682A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Usman, Nassim
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/134 (02-742-H)
CURRENT APPLICATION NUMBER: US/10/683,990
CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 23
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
-10-683-990-23
```

```
Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 GAGCCCCAGCAGCAGCG 1643
|||||
Db 19 GGGGGCACAGCAGCAGCG 1

RESULT 467
US-10-683-990-120
; Sequence 120, Application US/10683990
; Publication No. US20040198682A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Usman, Nassim
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/134 (02-742-H)
; CURRENT APPLICATION NUMBER: US/10/683,990
; CURRENT FILING DATE: 2003-10-10
; PRIOR APPLICATION NUMBER: PCT/US03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 120
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-683-990-120

Query Match          0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1625 GAGCCCCAGCAGCAGCG 1643
|||||
Db 1 GGGGGCACAGCAGCAGCG 19

RESULT 468
US-09-923-517-99/c
; Sequence 99, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miradilas; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
```


NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-AUG-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 99:

US-09-923-517-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1720 AGCCATGTCACCTGCCCA 1738
DB 19 AGCCATCTCCACGACCCA 1

RESULT 469

US-09-733-294A-89/c
Sequence 89, Application US/09733294A
Patent No. US20020045588A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wanciewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 89
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-733-294A-89

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 352 GGGTCTGATGGGAGAGTG 370
DB 20 GGGTCTGATGTGTGACTG 2

RESULT 470

US-09-961-663-2
Sequence 2, Application US/09961663
Patent No. US20020115084A1
GENERAL INFORMATION:
APPLICANT: Barnett, Jason
APPLICANT: Beck, James
TITLE OF INVENTION: Detection of Mycosphaerella Using the Polymerase Chain
FILE REFERENCE: PB/5-31382A
CURRENT APPLICATION NUMBER: US/09/961,663
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: US 60/211902
PRIOR FILING DATE: 2000-06-16
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer ITS2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
DB 2 CTTCGGTCTTCGTCGATGC 20

RESULT 471

US-09-961-663-3/c
Sequence 3, Application US/09961663
Patent No. US20020115084A1
GENERAL INFORMATION:
APPLICANT: Barnett, Jason
APPLICANT: Beck, James
TITLE OF INVENTION: Detection of Mycosphaerella Using the Polymerase Chain
FILE REFERENCE: PB/5-31382A
CURRENT APPLICATION NUMBER: US/09/961,663
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: US 60/211902
PRIOR FILING DATE: 2000-06-16
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer ITS3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
DB 19 CTTCGGTCTTCGTCGATGC 1

RESULT 472

```
-09-791-406-66
Sequence 66, Application US/09791406
Patent No. US20020147165A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Robert Rothlein
APPLICANT: Takashi Kei Kishimoto
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-791-406-66

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

928 CAGCTGCTCCTGCGCTGG 946
||||| ||||| ||||| |||||
2 CAGCTGCTCCTGCGCTGG 20

SULT 473
-09-833-555-7
Sequence 7, Application US/09833555
Patent No. US20020151000A1
GENERAL INFORMATION:
APPLICANT: Ozaki, Akio
APPLICANT: Mori, Hideo
APPLICANT: Shibasaki, Takeshi
APPLICANT: Ando, Katsuhiko
APPLICANT: Chiba, Shigeru
TITLE OF INVENTION: Process for Producing
TITLE OF INVENTION: Trans-4-Hydroxy-L-Proline
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
STREET: 1300 NORTH SEVENTEENTH STREET
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22209
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/833,555
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/104,382
FILING DATE:
APPLICATION NUMBER: 08/709,874
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: 08/301,653
FILING DATE: 07-SEP-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/482,554
FILING DATE: 07-JUN-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Terry, David T.
```

```
;
; REGISTRATION NUMBER: 20178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-833-555-7

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      856 AAGGACCTGAAGCAGTACC 874
      ||||| ||||| ||||| |||||
Db      1 ACGGAGCTCAAGCAGTACC 19

RESULT 474
US-09-766-173C-6
Sequence 6, Application US/09766173C
Patent No. US20020172945A1
GENERAL INFORMATION:
APPLICANT: Carroll, George C.
TITLE OF INVENTION: Materials and Methods For Detection of
TITLE OF INVENTION: Pathogenic Guignardia Citricarpa
FILE REFERENCE: Oregon 99-09
CURRENT APPLICATION NUMBER: US/09/766,173C
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: PCT/US01/01735
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/177,013
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-766-173C-6

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549 CTTCGGTCTTCGTCGATGC 1567
      ||||| ||||| ||||| |||||
Db      2 CTGCGTTCCTCATCGATGC 20

RESULT 475
US-09-766-173C-7/c
Sequence 7, Application US/09766173C
Patent No. US20020172945A1
GENERAL INFORMATION:
APPLICANT: Carroll, George C.
TITLE OF INVENTION: Materials and Methods For Detection of
TITLE OF INVENTION: Pathogenic Guignardia Citricarpa
FILE REFERENCE: Oregon 99-09
CURRENT APPLICATION NUMBER: US/09/766,173C
CURRENT FILING DATE: 2001-01-22
PRIOR APPLICATION NUMBER: PCT/US01/01735
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/177,013
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSeq for Windows Version 3.0
```



```
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1111 CTTGACATCTCTGCTGGT 1129
||| ||||| ||||| |||||
20 CTTCTCTCTCTGCTGGT 2

SULT 480
-09-953-047-90/c
Sequence 90, Application US/09953047
Publication No. US20030087854A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/09/953,047
CURRENT FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-953-047-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

335 ACGAGGACTTGAGATGGG 353
||| ||||| ||||| |||||
20 ACGGGTACCTGAGATGGG 2

SULT 481
-09-939-379B-2
Sequence 2, Application US/09939379B
Publication No. US20030099946A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
FILE REFERENCE: 60063P1
CURRENT APPLICATION NUMBER: US/09/939,379B
CURRENT FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1).. (20)
OTHER INFORMATION: Primer ITS2
-09-939-379B-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1549 CTTGGTCTTCGTGATGC 1567
||| ||||| ||||| |||||
2 CTGGCTTCTTCATGATGC 20

SULT 482
-09-939-379B-3/c
Sequence 3, Application US/09939379B
```

```
Publication No. US20030099946A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
FILE REFERENCE: 60063P1
CURRENT APPLICATION NUMBER: US/09/939,379B
CURRENT FILING DATE: 2002-04-08
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1).. (20)
OTHER INFORMATION: Primer ITS3
US-09-939-379B-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTTCGTGATGC 1567
||| ||||| ||||| |||||
DB 19 CTGGCTTCTTCATGATGC 1

RESULT 483
US-09-972-607-86
Sequence 86, Application US/09972607;
Publication No. US20030105037A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/09/972,607
CURRENT FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-86

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 78 AGGGCCCCCGCGCTCTGAG 96
||| ||||| ||||| |||||
DB 1 AGGGCCCCCGCGCTCCGAG 19

RESULT 484
US-09-961-001-73/c
Sequence 73, Application US/09961001
Publication No. US20030109466A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
FILE REFERENCE: RTS-0280
CURRENT APPLICATION NUMBER: US/09/961,001
CURRENT FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 73
LENGTH: 20
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-73

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 366 GAGTGACCGGCTTCAGCC 384
||| ||||| ||||| ||||| |||||
Db 19 GAGAGACCCAGCTTCAGCC 1

RESULT 485

US-09-961-755A-10
Sequence 10, Application US/09961755A
Publication No. US20030113722A1

GENERAL INFORMATION:
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Fusarium Species infecting Corn Using the Polymerase Chain Reaction
FILE REFERENCE: 60055
CURRENT APPLICATION NUMBER: US/09/961,755A
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.0
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)..(20)
OTHER INFORMATION: Primer ITS2
US-09-961-755A-10

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTCGGTCTTCGTCGATGC 1567
||| ||||| ||||| ||||| |||||
Db 2 CTCGGTCTTCATCGATGC 20

RESULT 486

US-09-961-755A-11/c
Sequence 11, Application US/09961755A
Publication No. US20030113722A1

GENERAL INFORMATION:
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Fusarium Species infecting Corn Using the Polymerase Chain Reaction
FILE REFERENCE: 60055
CURRENT APPLICATION NUMBER: US/09/961,755A
CURRENT FILING DATE: 2001-09-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.0
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)..(20)
OTHER INFORMATION: Primer ITS3
US-09-961-755A-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTCGGTCTTCGTCGATGC 1567
||| ||||| ||||| ||||| |||||
Db 19 CTGCGTTCTTCATCGATGC 1

RESULT 487

US-09-944-493-3/c
Sequence 3, Application US/09944493
Publication No. US20030124196A1

GENERAL INFORMATION:
APPLICANT: Weinbach, Susan
APPLICANT: Tillman, Lloyd G.
APPLICANT: Geary, Richard H.
TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestinal Absorption
FILE REFERENCE: ISIS4823
CURRENT APPLICATION NUMBER: US/09/944,493
CURRENT FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-944-493-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAACG 149
||| ||||| ||||| ||||| |||||
Db 20 GCAGAAGAAGACCAACG 2

RESULT 488

US-09-843-377-49
Sequence 49, Application US/09843377
Publication No. US20030176371A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0235
CURRENT APPLICATION NUMBER: US/09/843,377
CURRENT FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-49

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 62 TGCTGAACCCAGGGAGG 80
||| ||||| ||||| ||||| |||||
Db 2 TGCTGAAGCTCAGTGAGG 20

RESULT 489

US-09-781-712B-20
Sequence 20, Application US/09781712B

Publication No. US20040180433A1
GENERAL INFORMATION: Stanley T
APPLICANT: Crooke, Stanley T
APPLICANT: Lima, Walter
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Methods of Using Mammalian RNase H and Compositions Thereof
FILE REFERENCE: ISPH-0520
CURRENT APPLICATION NUMBER: US/09/781,712B
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: US 60/067,458
PRIOR FILING DATE: 1997-12-04
PRIOR APPLICATION NUMBER: US 09/203,716
PRIOR FILING DATE: 1998-12-02
PRIOR APPLICATION NUMBER: US 09/343,809
PRIOR FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 09/684,254
PRIOR FILING DATE: 2000-10-06
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-781-712B-20
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
553 CCCCTCAGCGCGGCTCC 571
1 CGCCTCAGCGCGCACCC 19
SULT 490
-09-781-712B-20/c
Sequence 20, Application US/09781712B
Publication No. US20040180433A1
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T
APPLICANT: Lima, Walter
APPLICANT: Wu, Hongjiang
TITLE OF INVENTION: Methods of Using Mammalian RNase H and Compositions Thereof
FILE REFERENCE: ISPH-0520
CURRENT APPLICATION NUMBER: US/09/781,712B
CURRENT FILING DATE: 2001-02-12
PRIOR APPLICATION NUMBER: US 60/067,458
PRIOR FILING DATE: 1997-12-04
PRIOR APPLICATION NUMBER: US 09/203,716
PRIOR FILING DATE: 1998-12-02
PRIOR APPLICATION NUMBER: US 09/343,809
PRIOR FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 09/684,254
PRIOR FILING DATE: 2000-10-06
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-781-712B-20
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
234 TGGTGTGCGCGGAGTGAC 252
20 TGGTGTGCGCGGTGAGGC 2

RESULT 491

US-10-199-559-2
; Sequence 2, Application US/10199559
; Publication No. US20030099975A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; TITLE OF INVENTION: Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/199,559
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) - (20)
; OTHER INFORMATION: Primer ITS2
US-10-199-559-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTCTTCATCATGC 20

RESULT 492

US-10-199-559-3/c
; Sequence 3, Application US/10199559
; Publication No. US20030099975A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; TITLE OF INVENTION: Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/199,559
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) - (20)
; OTHER INFORMATION: Primer ITS3
US-10-199-559-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTCTTCATCATGC 1

```
RESULT 493
US-10-105-211B-1
; Sequence 1, Application US/10105211B
; Publication No. US20030104045A1
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Antiviral supramolecules containing
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; TITLE OF INVENTION: Spectrin
; FILE REFERENCE: 18950-14
; CURRENT APPLICATION NUMBER: US/10/105,211B
; CURRENT FILING DATE: 1999-09-28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotides utilized for the exemplary preparation
; OTHER INFORMATION: of an antibody-multizyme supramolecule according to the teachings
; OTHER INFORMATION: of the present invention. MMT-AP-CEDIPPA introduced at the 5'
; OTHER INFORMATION: position.
US-10-105-211B-1
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 TGAAGAGGGGGCACCCTGC 741
DB 1 TGGAGATGGGGCACCCTGC 19

RESULT 494
US-10-203-860-18/c
; Sequence 18, Application US/10203860
; Publication No. US20030108904A1
; GENERAL INFORMATION:
; APPLICANT: WAKAMIYA, No. US20030108904A1utaka
; TITLE OF INVENTION: No. US20030108904A1el Scavenger Receptor
; FILE REFERENCE: 19036/38693
; CURRENT APPLICATION NUMBER: US/10/203,860
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 2000-35155
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 2000-309068
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of a Synthetic TgP1 Primer for Cap Site Sequencing.
US-10-203-860-18
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 595 GCGTTTGGGAAACTGGAGA 613
DB 19 GGATTAGGGAACCTGAAGA 1

RESULT 495
US-10-006-430-32/c
; Sequence 32, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-32
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 855 CAAGGACCTGAAGCAGTAC 873
DB 19 CAAGGATGTGAAGCAGTTC 1

RESULT 496
US-10-024-369-86/c
; Sequence 86, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: RTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369
; CURRENT FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-369-86
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1461 CCTCAGTCTGGGGAGCGG 1479
DB 20 CCTCAGCTGTGGTGAGCAG 2

RESULT 497
US-10-021-707-24/c
; Sequence 24, Application US/10021707
; Publication No. US20030186903A1
; GENERAL INFORMATION:
; APPLICANT: James Karrias
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MYD88 EXPRESSION
; FILE REFERENCE: RTS-0330
; CURRENT APPLICATION NUMBER: US/10/021,707
; CURRENT FILING DATE: 2001-11-23
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-021-707-24
```

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

836 TTGCTTTGAGTCACTGGA 854
19 TGGACTTTGAGTCACTTGA 1

SULT 498
-10-131-544-30/c
Sequence 30, Application US/10131544
Publication No. US20030190629A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
FILE REFERENCE: RTS-0180
CURRENT APPLICATION NUMBER: US/10/131,544
CURRENT FILING DATE: 2002-04-23
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-131-544-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1010 AGAGGGGAGAGCTCAAGCT 1028
19 AGATGGGAGATCTCAAGTT 1

SULT 499
-10-114-683A-30/c
Sequence 30, Application US/10114683A
Publication No. US20030194396A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
APPLICANT: Yan Luo
TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
FILE REFERENCE: RTS-0265
CURRENT APPLICATION NUMBER: US/10/114,683A
CURRENT FILING DATE: 2002-08-14
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-114-683A-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1010 AGAGGGGAGAGCTCAAGCT 1028
19 AGATGGGAGATCTCAAGTT 1

SULT 500
-10-430-196-99/c
Sequence 99, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 99:
US-10-430-196-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1720 AGCCATGTTCACTGCCCA 1738
Db 19 AGCCATCTCCACCAGCCCA 1

RESULT 501
US-10-141-029-12/c
Sequence 12, Application US/10141029;
Publication No. US20030213030P1
GENERAL INFORMATION:
APPLICANT: BEINEKE, WALTER F.
TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 2"
FILE REFERENCE: 30034-92643
CURRENT APPLICATION NUMBER: US/10/141,029
CURRENT FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-029-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;


```
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 502
US-10-141-060-12/c
; Sequence 12, Application US/10141060
; Publication No. US20030213031P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 1"
; FILE REFERENCE: 30034-92642
; CURRENT APPLICATION NUMBER: US/10/141,060
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-060-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 503
US-10-141-063-12/c
; Sequence 12, Application US/10141063
; Publication No. US20030213032P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 10"
; FILE REFERENCE: 30034-93467
; CURRENT APPLICATION NUMBER: US/10/141,063
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-063-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 504
US-10-141-092-12/c
; Sequence 12, Application US/10141092
; Publication No. US20030213033P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 8"
; FILE REFERENCE: 30034-93465
; CURRENT APPLICATION NUMBER: US/10/141,092
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-092-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 505
US-10-141-093-12/c
; Sequence 12, Application US/10141093
; Publication No. US20030213034P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 7"
; FILE REFERENCE: 30034-93464
; CURRENT APPLICATION NUMBER: US/10/141,093
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-093-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 506
US-10-141-094-12/c
; Sequence 12, Application US/10141094
; Publication No. US20030213035P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 6"
; FILE REFERENCE: 30034-93463
; CURRENT APPLICATION NUMBER: US/10/141,094
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-094-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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atches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

896 TCAACATGCAACAGTGAA 914
||||| ||||| ||||| |||||
19 TCAACAGCACCACGAGAA 1

SULT 507

-10-141-095-12/c
Sequence 12, Application US/10141095
Publication No. US20030213036P1

GENERAL INFORMATION:

APPLICANT: BEINEKE, WALTER F.

TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 9"

CURRENT APPLICATION NUMBER: US/10/141,095

CURRENT FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 12

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

-10-141-095-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

896 TCAACATGCAACAGTGAA 914
||||| ||||| ||||| |||||
19 TCAACAGCACCACGAGAA 1

SULT 508

-10-141-102-12/c
Sequence 12, Application US/10141102
Publication No. US20030213037P1

GENERAL INFORMATION:

APPLICANT: BEINEKE, WALTER F.

TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 3"

CURRENT APPLICATION NUMBER: US/10/141,102

CURRENT FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 12

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

-10-141-102-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

896 TCAACATGCAACAGTGAA 914
||||| ||||| ||||| |||||
19 TCAACAGCACCACGAGAA 1

SULT 509

-10-141-103-12/c
Sequence 12, Application US/10141103
Publication No. US20030213038P1

GENERAL INFORMATION:

APPLICANT: BEINEKE, WALTER F.

TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 5"

CURRENT APPLICATION NUMBER: 30034-93462

CURRENT APPLICATION NUMBER: US/10/141,103
CURRENT FILING DATE: 2002-07-24
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-103-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGCAACAGTGAA 914
||||| ||||| ||||| |||||
Db 19 TCAACAGCACCACGAGAA 1

RESULT 510

US-10-146-860-46
Sequence 46, Application US/10146860
Publication No. US20030220273A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Kenneth W. Dobie

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHODIESTERASE 4D EXPRESSION

FILE REFERENCE: RTS-0351

CURRENT APPLICATION NUMBER: US/10/146,860

CURRENT FILING DATE: 2002-05-15

NUMBER OF SEQ ID NOS: 100

SEQ ID NO 46

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-146-860-46

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 501 GCCTCAGGCGCTACCTGAG 519
||||| ||||| ||||| |||||
Db 2 GCCTCAGGCGCTACCTGAG 20

RESULT 511

US-10-160-807-124/c
Sequence 124, Application US/10160807
Publication No. US20030224514A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: Susan M. Freier

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION

FILE REFERENCE: RTS-0189

CURRENT APPLICATION NUMBER: US/10/160,807

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 296

SEQ ID NO 124

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-160-807-124

Query Match 0.8%; Score 14.2; DB 1; Length 20;

```
; Best Local Similarity 84.2%; Pred. No. 5.5e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
   |||||
Db 19 TGCAGATGGGCTGTGATGG 1

RESULT 512
US-10-160-807-262
; Sequence 60, Application US/10160807
; Publication No. US20030224514A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-160-807-262

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
   |||||
Db 2 TGCAGATGGGCTGTGATGG 20

RESULT 513
US-10-160-787-60/c
; Sequence 60, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-60

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
   |||||
Db 2 TGCAGATGGGCTGTGATGG 20

RESULT 514
US-10-160-787-65/c
; Sequence 65, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
```

```
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-65

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1172 GCATCTCTATGAGATGGC 1190
   |||||
Db 20 GCATTTCTTTGAAATGGC 2

RESULT 515
US-10-160-787-68/c
; Sequence 68, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-68

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1256 TAGGAACCCCACTGAGGA 1274
   |||||
Db 19 TAGGAACCTCATCTCAGGA 1

RESULT 516
US-10-160-787-122
; Sequence 122, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-122

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 988 CCCCAGAACCTGCTCATCA 1006
   |||||
Db 2 CCACAGAACCTCTCATTA 20
```

OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-24

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 843 TGAGTACTCGACAAGGAC 861
| | | | | | | | | | | | | | | | | | | | | |
Db 1 TGAGTTCCTGGAAAAGTC 19
| | | | | | | | | | | | | | | | | | | | | |

RESULT 520
US-10-167-034-61
; Sequence 61, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-167-034-61

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 CAGCTGCTCCGTCGCTGG 946
| | | | | | | | | | | | | | | | | | | | | |
Db 2 CAGCTGCTCTGCTGCTGG 20
| | | | | | | | | | | | | | | | | | | | | |

RESULT 521
US-10-167-034-127/c
; Sequence 127, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRESSION
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-167-034-127

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 CAGCTGCTCCGTCGCTGG 946
| | | | | | | | | | | | | | | | | | | | | |
Db 19 CAGCTGCTCTGCTGCTGG 1
| | | | | | | | | | | | | | | | | | | | | |

RESULT 522
US-10-173-240-32/c

ULT 517
-10-160-787-126
Sequence 126, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 126
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-126

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1172 GCATCTTCTATGACATGCG 1190
| | | | | | | | | | | | | | | | | | | | | |
1 GCATTTTCTTTGAAATGCG 19
| | | | | | | | | | | | | | | | | | | | | |

SULT 518
-10-160-787-128
Sequence 128, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 128
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-128

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1256 TAGGAACCCCACTCAGGA 1274
| | | | | | | | | | | | | | | | | | | | | |
2 TAGGAACCTCATCTCAGGA 20
| | | | | | | | | | | | | | | | | | | | | |

SULT 519
-10-159-856-24
Sequence 24, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

```
; Sequence 32, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPP EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-32

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1080 CAATGAGTGGTGACACTG 1098
      ||||| ||||| ||||| |||||
Db 19 CAAGGAGTGACGACTG 1

RESULT 523
US-10-173-240-39/c
; Sequence 39, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPP EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-39

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
      ||||| ||||| ||||| |||||
Db 19 CTGCTCTGGGAACTACG 1

RESULT 524
US-10-173-240-66
; Sequence 66, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPP EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-66

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
      ||||| ||||| ||||| |||||
Db 19 CTGCTCTGGGAACTACG 1

RESULT 525
US-10-173-240-72
; Sequence 72, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPP EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-72

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
      ||||| ||||| ||||| |||||
Db 2 CTGCTCTGGGAACTACG 20

RESULT 526
US-10-173-718-5/c
; Sequence 5, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-173-718-5

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 GGTCTTTCGTGATGCCTGA 1571
      ||||| ||||| ||||| |||||
Db 19 GGTCTTTCGTGCTGCTGA 1

RESULT 527
US-10-186-157-11
; Sequence 11, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
```

```
US-10-173-240-66

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1080 CAATGAGTGGTGACACTG 1098
      ||||| ||||| ||||| |||||
Db 2 CAAGGAGTGACGACTG 20
```

```
RESULT 525
US-10-173-240-72
; Sequence 72, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-EPP EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-72
```

```
Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 275 CTGCTCTGGGAACTTCG 293
      ||||| ||||| ||||| |||||
Db 2 CTGCTCTGGGAACTACG 20
```

```
RESULT 526
US-10-173-718-5/c
; Sequence 5, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-173-718-5
```

```
Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 GGTCTTTCGTGATGCCTGA 1571
      ||||| ||||| ||||| |||||
Db 19 GGTCTTTCGTGCTGCTGA 1
```

```
RESULT 527
US-10-186-157-11
; Sequence 11, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
```

APPLICANT: Andrew T. Watt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
FILE REFERENCE: RTS-0193
CURRENT APPLICATION NUMBER: US/10/186,157
CURRENT FILING DATE: 2002-06-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-186-157-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1480 ATCCACAACCTTCTGACA 1498
1 ATGCACAATCTTCTGTGATA 19

RESULT 528
-10-188-779A-106/c
Sequence 106, Application US/10188779A
Publication No. US20040005567A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
FILE REFERENCE: PTS-0042
CURRENT APPLICATION NUMBER: US/10/188,779A
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 282
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-779A-106

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

687 CAACCTGTGGCACTCAAG 705
20 CCACCTTGTGGCCCTCAAG 2

RESULT 529
-10-349-143-6583
Sequence 6583, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6583
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20_bind
OTHER INFORMATION: upstream amplification primer 99-12602 for SEQ 2649,
US-10-349-143-6583

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CATTATCCACACGGAGAG 825
DB 2 CTTTATCCACACAGGAG 20

RESULT 530
US-10-289-762-5779/c
Sequence 5779, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffois, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5779
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-5779

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 291 TCGTTCTGCACGGGGCCCA 309
DB 20 TCGTTCTGCACGGGGCCCA 2

RESULT 531
US-10-211-908-39/c
Sequence 39, Application US/10211908
Publication No. US20040023384A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
FILE REFERENCE: RTS-0420
CURRENT APPLICATION NUMBER: US/10/211,908
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 121
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-908-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1706 TGCCTACCTGCCTCAGCCA 1724
|||||
D 19 TGCCTACCTGCCTCAGTCA 1

RESULT 532
US-10-210-838-54/c
; Sequence 54, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-54

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1444 ATGAACATCCATTCTTCC 1462
|||||
D 19 ATGAACATTCATTTTAC 1

RESULT 533
US-10-210-838-158
; Sequence 158, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-838-158

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1444 ATGAACATCCATTCTTCC 1462
|||||
D 2 ATGAACATTCATTTTAC 20

RESULT 534
US-10-628-841-86
; Sequence 86, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: PTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-86

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 78 AGGGCCCGCGGCTCTGAG 96
|||||
D 1 AGGGCCCGCGGCTCTGAG 19

RESULT 535
US-10-141-021-12/c
; Sequence 12, Application US/10141021
; Publication No. US20040025210P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 4"
; FILE REFERENCE: 30034-93461
; CURRENT APPLICATION NUMBER: US/10/141,021
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-021-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 896 TCAACATGCACACGCGTGA 914
|||||
D 19 TCAACAGCACACGAGAA 1

RESULT 536
US-10-623-880-2
; Sequence 2, Application US/10623880
; Publication No. US20040029255A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/623,880
; CURRENT FILING DATE: 2003-07-21
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA

```

ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) - (20)
OTHER INFORMATION: Primer ITS2
-10-623-880-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1549 CTTCCGTCCTTCGCATGCC 1567
            ||| ||||| |||||
      2 CTGGCTTCTTCATCGATGC 20

SULT 537
-10-623-880-3/c
Sequence 3, Application US/10623880
Publication No. US20040029255A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
TITLE OF INVENTION: Chain Reaction
FILE REFERENCE: 60063P1
CURRENT APPLICATION NUMBER: US/10/623,880
CURRENT FILING DATE: 2003-07-21
PRIOR APPLICATION NUMBER: US/09/939,379B
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1) - (20)
OTHER INFORMATION: Primer ITS3
-10-623-880-3

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1549 CTTCCGTCCTTCGCATGCC 1567
            ||| ||||| |||||
      19 CTGGCTTCTTCATCGATGC 1

SULT 538
-10-345-444B-121/c
Sequence 121, Application US/10345444B
Publication No. US20040029823A1
GENERAL INFORMATION:
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Garde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULA
TITLE OF INVENTION: OF JNK PROTEINS
FILE REFERENCE: ISPH-0726
CURRENT APPLICATION NUMBER: US/10/345,444B
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/774,809
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: US 09/396,902
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: US 09/287,796
PRIOR FILING DATE: 1999-04-07

```


APPLICANT: Miller, Charles E.
APPLICANT: Gerlach, Valerie
APPLICANT: Taupier Jr, Raymond J.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Colman, Steven D.
APPLICANT: Wolenc, Adam R.
APPLICANT: Pena, Carol E. A
APPLICANT: Furtak, Katarzyna
APPLICANT: Grosse, William M.
APPLICANT: Alsobrook II, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Burgess, Catherine E.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-258
CURRENT APPLICATION NUMBER: US/10/072,012
PRIOR FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: 60/265,102
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/265,514
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,517
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,412
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,395
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/266,406
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/266,767
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 60/267,057
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/266,975
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/267,459
PRIOR FILING DATE: 2001-02-08
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1391
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1149
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag3002 Reverse

US-10-072-012-1149
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 506 AGGGCTACTCTGGAGAGCT 524
DB 2 AGGACCATCTGGAGAGCT 20

RESULT 541
US-10-312-184A-44/c
Sequence 44, Application US/10312184A
Publication No. US20040038236A1
GENERAL INFORMATION:
APPLICANT: Bionomics Limited
APPLICANT: Wallace, Robyn H
APPLICANT: Mulley, John C
APPLICANT: Berkovic, Samuel P
APPLICANT: Harkin, Louise A
APPLICANT: Dibbens, Leanne M
TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
FILE REFERENCE: 1386/10
CURRENT APPLICATION NUMBER: US/10/312,184A
CURRENT FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 51

SOFTWARE: PatentIn version 3.2
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-312-184A-44
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1085 AGGTGGTGACACTGTGCTA 1103
DB 19 AGGTGGTGCCATGTCTGTA 1
RESULT 542
US-10-673-063-24/c
Sequence 24, Application US/10673063
Publication No. US20040038926A1
GENERAL INFORMATION:
APPLICANT: James Karras
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MYD88 EXPRESSION
FILE REFERENCE: RTS-0330
CURRENT APPLICATION NUMBER: US/10/673,063
CURRENT FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-673-063-24

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 836 TTGCTTTGAGTACCTGGA 854
DB 19 TGGACTTTGAGTACTTGA 1

RESULT 543
US-10-610-561-7
Sequence 7, Application US/10610561
Publication No. US20040048345A1
GENERAL INFORMATION:
APPLICANT: Ozaki, Akio
Mori, Hideo
Shibasaki, Takeshi
Ando, Katsuhiko
Chiba, Shigeru
TITLE OF INVENTION: Process for Producing
Trans-4-Hydroxy-L-Proline
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
STREET: 1300 NORTH SEVENTEENTH STREET
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22209
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/610,561
FILING DATE: 02-Jul-2003

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/104,382
FILING DATE: 02-JULY-1998
APPLICATION NUMBER: 08/709,874
FILING DATE: 09-SEP-1996
APPLICATION NUMBER: 08/301,653
FILING DATE: 07-SEP-1994
APPLICATION NUMBER: 08/482,554
FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: Terry, David T.
REGISTRATION NUMBER: 20178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-312-6600
TELEFAX: 703-312-6666

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid, synthetic DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

-10-610-561-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

856 AAGGACCTGAGCAGTACC 874
1 ACGGAGCTCAAGCAGTACC 19

SULT 544

-10-380-125-50
Sequence 50, Application US/10380125
Publication No. US20040048818A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: Ian Popoff

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION

FILE REFERENCE: RTS-0176

CURRENT APPLICATION NUMBER: US/10/380,125

CURRENT FILING DATE: 2003-03-10

PRIOR APPLICATION NUMBER: 09/658,679

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 50

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-380-125-50

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1387 CTCCTCACCACGCTGTGC 1405
2 CTCCTGCCCCAGCTGTGC 20

RESULT 545

3-10-630-401-90/c
Sequence 90, Application US/10630401
Publication No. US20040048824A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/10/630,401
CURRENT FILING DATE: 2003-07-30
PRIOR APPLICATION NUMBER: US/09/953,047
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 ACGAGGACTTGAAGATGGG 353
DB 20 ACGGTACCTGAAGATGGG 2

RESULT 546

US-10-655-847-124/c

Sequence 124, Application US/10655847

Publication No. US20040063129A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: Susan M. Freier

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION

FILE REFERENCE: RTS-0189

CURRENT APPLICATION NUMBER: US/10/655,847

CURRENT FILING DATE: 2003-09-05

PRIOR APPLICATION NUMBER: US/10/160,807

PRIOR FILING DATE: 2003-09-05

NUMBER OF SEQ ID NOS: 296

SEQ ID NO 124

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-655-847-124

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGTCGTGATGG 362
DB 19 TGCAGATGGGCTGTGATGG 1

RESULT 547

US-10-655-847-262

Sequence 262, Application US/10655847

Publication No. US20040063129A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: Susan M. Freier

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION

FILE REFERENCE: RTS-0189

CURRENT APPLICATION NUMBER: US/10/655,847

CURRENT FILING DATE: 2003-09-05

PRIOR APPLICATION NUMBER: US/10/160,807

PRIOR FILING DATE: 2003-09-05

NUMBER OF SEQ ID NOS: 296

SEQ ID NO 262

```

QY      1549 CTTCGGTCTTCGTGATGC 1567
          |||||
Db       2   CTGCGTTCTTCATCATGC 20

RESULT 550
US-10-232-849-36/c
; Sequence 36, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-232-849-36

Query Match           0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred.No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

QY      966 GGTGCTACACCGAGACCTC 984
          |||||
Db       19 GGTGCTCCACCGCGACATC 1

RESULT 551
US-10-292-849-103
; Sequence 103, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-292-849-103

Query Match           0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred.No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

QY      966 GGTGCTACACCGAGACCTC 984
          |||||
Db       2   GGTGCTCCACCGCGACATC 20

RESULT 552
US-10-688-706-149/c
; Sequence 149, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268

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RESULT 557
US-10-671-395-1193/c
; Sequence 1193, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; TS-10-671-395-1193

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1433 CAGAGGATGCCATGAACA 1451
DB 19 CCGAGGATGCCCTGAGACA 1

RESULT 558
US-10-819-244-49
; Sequence 49, Application US/10819244
; Publication No. US20040171575A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/10/819,244
; CURRENT FILING DATE: 2004-04-06
; PRIOR APPLICATION NUMBER: US/09/843,377
; PRIOR FILING DATE: 2003-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-819-244-49

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 62 TCGTGAACCCAGGGGAGG 80
DB 2 TCGTGAAGCTCAGTGGAGG 20

RESULT 559
US-10-476-962-147/c
; Sequence 147, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
```

```
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-476-962-147

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 TCTAAGCCACAGACCGAGG 1628
DB 20 TCCAGCCTCAGACCCAGG 2

RESULT 560
US-10-835-208-73/c
; Sequence 73, Application US/10835208
; Publication No. US20040192633A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/10/835,208
; CURRENT FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: US/09/919,197
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-835-208-73

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1111 CCTGACATCCTGCTGGGT 1129
DB 20 CCTCTCTTCTGCTGGGT 2

RESULT 561
US-09-765-081-398
; Sequence 398, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 398
; LENGTH: 21
```

TYPE: DNA
ORGANISM: Homo sapiens
-09-765-081-398

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1382 CCGAGCTCCTCACCAAGCT 1400
|||||
1 CCGAGCTCCTCACCAAGCT 19

SULT 562
-09-765-081-443/c
Sequence 443, Application US/09765081
Patent No. US20020037508A1
GENERAL INFORMATION:
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Lander, Eric S.
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.2008-001
CURRENT APPLICATION NUMBER: US/09/765,081
CURRENT FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: US 60/176,861
PRIOR FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 461
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 443
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-09-765-081-443

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

201 TGCCCTGAGCAGATAGGCCT 221
|||||
21 TGCCCTGAGTCATGGTCT 1

SULT 563
-09-911-176B-41/c
Sequence 41, Application US/09911176B
Patent No. US20020156243A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ANTIBODIES THAT BIND AN
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG
FILE REFERENCE: 97-30D1
CURRENT APPLICATION NUMBER: US/09/911,176B
CURRENT FILING DATE: 2001-07-23
PRIOR APPLICATION NUMBER: 09/118,408
PRIOR FILING DATE: 1998-07-17
PRIOR APPLICATION NUMBER: 60/053,154
PRIOR FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC18687
-09-911-176B-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

10017621-3sl.rnpb

QY 822 GAAGTCCCTCACCCCTTGTC 840
|||||
DB 21 GAAGTCCCTCTCACGTGTC 3

RESULT 564
US-10-180-762-41/c
Sequence 41, Application US/10180762
Publication No. US20030022838A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
FILE REFERENCE: 99-12C3
CURRENT APPLICATION NUMBER: US/10/180,762
CURRENT FILING DATE: 2002-06-25
PRIOR APPLICATION NUMBER: 09/253,604
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: 09/444,794
PRIOR FILING DATE: 1999-11-22
PRIOR APPLICATION NUMBER: 09/506,855
PRIOR FILING DATE: 2000-02-17
NUMBER OF SEQ ID NOS: 55
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC18687
US-10-180-762-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCCTTGTC 840
|||||
DB 21 GAAGTCCCTCTCACGTGTC 3

RESULT 565
US-10-241-258-41/c
Sequence 41, Application US/10241258
Publication No. US20030078206A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
TITLE OF INVENTION: IMMUNE FUNCTION
FILE REFERENCE: 99-12
CURRENT APPLICATION NUMBER: US/10/241,258
CURRENT FILING DATE: 2002-09-10
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC18687
US-10-241-258-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCCTTGTC 840
|||||
DB 21 GAAGTCCCTCTCACGTGTC 3

```

; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Rat MT-II RNA
US-10-033-024A-47

Query Match          0.8%;   Score 14.2; DB 1;   Length 21;
Best Local Similarity 68.4%;   Pred.No.5.8e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY  1167 GGGCTGCATCTTCTATGAG 1185
      ||||:||||:|:|:|
DB   2   GGGCUGCAUCUGCAAGAG 20

RESULT 569
US-10-005-956-343/c
; Sequence 343, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 343
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-343

Query Match          0.8%;   Score 14.2; DB 1;   Length 21;
Best Local Similarity 84.2%;   Pred.No.5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  1246 TTCGGTATCTTAGGAACC 1264
      |||:|||||:|||||
DB   21 TTCAGTGTCTTGGAAACC 3

RESULT 570
US-10-005-956-439
; Sequence 439, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 439
; LENGTH: 21
; TYPE: DNA

```

ORGANISM: homo sapiens
10-005-956-439

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1537 AAGGAGCCAGCTTCGGT 1555
|||||
2 AAGGTGGACAGTCTTCGGT 20

MULT 571

Sequence 440, Application US/10005956
Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: Patent in version 3.0

SEQ ID NO 440

LENGTH: 21

TYPE: DNA

ORGANISM: homo sapiens

10-005-956-440

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1537 AAGGAGCCAGCTTCGGT 1555
|||||
2 AAGGTGGACAGTCTTCGGT 20

MULT 572

10-005-956-985/c

Sequence 985, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR APPLICATION NUMBER: 60/251,015

PRIOR FILING DATE: 2000-12-04

PRIOR APPLICATION NUMBER: 60/263,678

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: 60/273,037

PRIOR FILING DATE: 2001-03-02

NUMBER OF SEQ ID NOS: 1579

SOFTWARE: Patent in version 3.0

SEQ ID NO 985

LENGTH: 21

TYPE: DNA

ORGANISM: homo sapiens

10-005-956-985

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 TTCGTATCTTAGGAACC 1264
|||||
DB 21 TTCAGTCTTTGGAACC 3

RESULT 573

US-10-261-845-5

Sequence 5, Application US/10261845

Publication No. US20030119035A1

GENERAL INFORMATION:

APPLICANT: Presnell, Scott R.

APPLICANT: Taft, David W.

TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYPI

FILE REFERENCE: 99-21

CURRENT APPLICATION NUMBER: US/10/261,845

CURRENT FILING DATE: 2002-10-01

PRIOR APPLICATION NUMBER: US/09/636,392

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 60/149,563

PRIOR FILING DATE: 1999-08-18

NUMBER OF SEQ ID NOS: 24

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 5

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer ZC18365

US-10-261-845-5

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GGCGTCCCTCTTTCGG 1213
|||||
DB 2 GGCTGTCCTCTCTCTG 20

RESULT 574

US-10-360-186-41/c

Sequence 41, Application US/10360186

Publication No. US20030144208A1

GENERAL INFORMATION:

APPLICANT: Sheppard, Paul O.

APPLICANT: Lasset, Gerald W.

APPLICANT: Bishop, Paul D.

TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION

FILE REFERENCE: 99-12C3

CURRENT APPLICATION NUMBER: US/10/360,186

CURRENT FILING DATE: 2003-02-07

PRIOR APPLICATION NUMBER: US/09/619,740

PRIOR FILING DATE: 2000-07-19

PRIOR APPLICATION NUMBER: 09/253,604

PRIOR FILING DATE: 1999-02-19

PRIOR APPLICATION NUMBER: 09/444,794

PRIOR FILING DATE: 1999-11-22

PRIOR APPLICATION NUMBER: 09/506,855

PRIOR FILING DATE: 2000-02-17

NUMBER OF SEQ ID NOS: 55

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 41

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide ZC18687

US-10-360-186-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCTCACCCTGTGC 840
|||||
21 GAAGTCCTCCTCAGGTGC 3

RESULT 575

US-10-340-097-72
; Sequence 72, Application US/10340097
; Publication No. US20030162276A1
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. US20030162276A1h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin

; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: BYLR0065
; CURRENT APPLICATION NUMBER: US/10/340,097
; PRIOR APPLICATION NUMBER: 2003-01-10
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/032,438A
; PRIOR FILING DATE: 1998-02-27
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72

LENGTH: 21
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1389 CCTCACCAGCTGTTCAG 1407
|||||
3 CATCACCAGCTGTTCAG 21

RESULT 576

US-10-210-951-127
; Sequence 127, Application US/10210951
; Publication No. US20030170228A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William J.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/210,951

; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 127

LENGTH: 21
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 GGGCTACCTGGAGAAGCTG 525
|||||
2 GGACGACCAGGAGAAGCTG 20

RESULT 577

US-10-336-215-72
; Sequence 72, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
; APPLICANT: Allikmets, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-336-215-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1389 CCTCACCAAGCTGTTGCAG 1407
| | | | | | | | | | | | | | | | | | | | |
3 CATCACCCAGCTGTTCCAG 21

SULT 578
-10-336-219-72
Sequence 72, Application US/10336219
Publication No. US20030170853A1
GENERAL INFORMATION:
APPLICANT: Allikmets, Rando
APPLICANT: Anderson, Kent L.
APPLICANT: Dean, Michael
APPLICANT: Leppert, Mark
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
APPLICANT: Lupski, James R.
APPLICANT: Nathans, Jeremy
APPLICANT: Rattner, Amir
APPLICANT: Shroyer, No. US20030170853A1h F.
APPLICANT: Singh, Nanda
APPLICANT: Smallwood, Philip
APPLICANT: Sun, Hui
TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
FILE REFERENCE: BYLR0072
CURRENT APPLICATION NUMBER: US/10/336,219
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.2
SEQ ID NO 72
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-336-219-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1389 CCTCACCAAGCTGTTGCAG 1407
| | | | | | | | | | | | | | | | | | | | |
3 CATCACCCAGCTGTTCCAG 21

SULT 579
-10-211-884-127
Sequence 127, Application US/10211884
Publication No. US20030175900A1

GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann

APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT APPLICATION NUMBER: US/10/211,884
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 127
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 507 GGGCTACCTGGAGAAAGCTG 525
| | | | | | | | | | | | | | | | | | | | |
Db 2 GGACGACCAGAGAAAGCTG 20

RESULT 580
US-10-392-531-41/c
Sequence 41, Application US/10392531
Publication No. US20030176658A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
FILE REFERENCE: 97-30
CURRENT APPLICATION NUMBER: US/10/392,531
CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: US/09/506,852
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC18687
US-10-392-531-41
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q? 822 GAAGTCCTCCACCTTGTC 840
|||||
Db 21 GAAGTCCTCTCAGGTGC 3

RESULT 581

US-10-392-706-41/c
; Sequence 41, Application US/10392706
; Publication No. US20030176659A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,706
; PRIOR FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-392-706-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q? 822 GAAGTCCTCCACCTTGTC 840
|||||
Db 21 GAAGTCCTCTCAGGTGC 3

RESULT 582

US-10-211-858-127
; Sequence 127, Application US/10211858
; Publication No. US20030211096A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755

; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 127
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q? 507 GGGCTACCTGGAGAGCTG 525
|||||
Db 2 GGAGGACCAGAGAGCTG 20

RESULT 583

US-10-187-975-221/c
; Sequence 221, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patturajan, Meera
; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hjalte, Tord
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shinkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennnda
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Rastelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Vernte, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011

PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 60/305,262
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 60/305,673
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 60/306,085
PRIOR FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 60/307,536
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/308,228
PRIOR FILING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/308,877
PRIOR FILING DATE: 2001-07-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 288
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 221
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
-10-187-975-221
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
350 TGGGGTCTGATGGGGAGAG 368
|||||
19 TGGGGGCTTATAGGGAGAG 1
SULT 584
-10-349-143-8100/c
Sequence 8100, Application US/10349143
Publication No. US2004005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSSET 020Cp1
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8100
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-13666 for SEQ 235, in compleme
-10-349-143-8100
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
392 CGGATGAGGTGCAGTCTCC 410
|||||
21 CAGATGATTGCAGTCTCC 3

RESULT 585
US-10-198-695-41/c
; Sequence 41, Application US/10198695
; Publication No. US20040014650A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
; TITLE OF INVENTION: IMMUNE FUNCTION
; FILE REFERENCE: 99-12
; CURRENT APPLICATION NUMBER: US/10/198,695
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-198-695-41
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 822 GAAGTCCCTCACCTTGTC 840
|||||
DB 21 GAAGTCCCTCTCAGTGTC 3
RESULT 586
US-10-691-529-115
; Sequence 115, Application US/10691529
; Publication No. US20040091928A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; APPLICANT: Ford, Roger
; APPLICANT: Be, Xiaobing
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; TITLE OF INVENTION: PROTEIN PHOSPHATASE
; FILE REFERENCE: AML01076
; CURRENT APPLICATION NUMBER: US/10/691,529
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: 60/420,757
; PRIOR FILING DATE: 2002-10-24
; NUMBER OF SEQ ID NOS: 303
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 115
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-691-529-115
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 897 CAACATGCACCAACGTGAAA 915
|||||
DB 1 CAAGAAGGACCAACGTGAAA 19
RESULT 587
US-10-250-508-3
; Sequence 3, Application US/10250508
; Publication No. US20040121327A1
; GENERAL INFORMATION:
; APPLICANT: Manns, Michael
; APPLICANT: Strassburg, Christian

```
; TITLE OF INVENTION: Method for Predicting the Potential Risk of Carcinomas and
; TITLE OF INVENTION: Inflammatory Bowel Diseases and Relevant Tests
; FILE REFERENCE: 03100178aa
; CURRENT APPLICATION NUMBER: US/10/250,508
; CURRENT FILING DATE: 2003-12-08
; PRIOR APPLICATION NUMBER: PCT/DE02/00003
; PRIOR FILING DATE: 2002-01-03
; PRIOR APPLICATION NUMBER: DE 101 00 238.6
; PRIOR FILING DATE: 2001-01-05
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-250-508-3

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 GTGGCTGGCCTACTGCACA 956
      ||| ||||| : |||||
Db 3 GTGGACTGGCCTCTTCCA 21

RESULT 588
US-10-786-720-626
; Sequence 626, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 626
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-626

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.8e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 853 GACAAGGACCTGAAGCAGT 871
      ||| ||||| : |||||
Db 2 GACGAGGACUUUAAAGCAGU 20

RESULT 589
US-10-786-720-628
; Sequence 628, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 628
; LENGTH: 21
; TYPE: DNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-630
```

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-628

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GACAAGGACCTGAAGCAGT 871
      ||| ||||| : |||||
Db 3 GACGAGGACTTTAAGCAGT 21

RESULT 590
US-10-786-720-629
; Sequence 629, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 629
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-629

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.8e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 853 GACAAGGACCTGAAGCAGT 871
      ||| ||||| : |||||
Db 1 GACGAGGACUUUAAAGCAGU 19

RESULT 591
US-10-786-720-630/c
; Sequence 630, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 630
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-630

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GACAAGGACCTGAAGCAGT 871
      ||| ||||| : |||||
Db 19 GACGAGGACTTTAAGCAGT 1
```


<hr/>					
; TITLE OF INVENTION: DISEASES					
; FILE REFERENCE: 031896-023000 (AM101331L)					
; CURRENT APPLICATION NUMBER: US/10/786,720					
; CURRENT FILING DATE: 2004-02-26					
; NUMBER OF SEQ ID NOS: 21135					
; SOFTWARE: PatentIn version 3.2					
; SEQ ID NO 19852					
; LENGTH: 21					
; TYPE: DNA					
; ORGANISM: Homo sapiens					
US-10-786-720-19852					
Query Match 0.8%; Score 14.2; DB 1; Length 21;					
Best Local Similarity 84.2%; Pred. No. 5.8e+02;					
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	1393	ACCAAGCTGTTGCAGTTTG	1411		
DB	2	ACCAAGAAGTTCAGTTTCG	20		
RESULT 600					
US-10-786-720-19854/c					
; Sequence 19854, Application US/10786720					
; Publication No. US2004019181A1					
; GENERAL INFORMATION:					
; APPLICANT: Wyeth					
; APPLICANT: O'Toole, Margot					
; APPLICANT: Liu, Wei					
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE					
; TITLE OF INVENTION: DISEASES					
; FILE REFERENCE: 031896-023000 (AM101331L)					
; CURRENT APPLICATION NUMBER: US/10/786,720					
; CURRENT FILING DATE: 2004-02-26					
; NUMBER OF SEQ ID NOS: 21135					
; SOFTWARE: PatentIn version 3.2					
; SEQ ID NO 19854					
; LENGTH: 21					
; TYPE: RNA					
; ORGANISM: RNai-antisense strand					
US-10-786-720-19854					
Query Match 0.8%; Score 14.2; DB 1; Length 21;					
Best Local Similarity 84.2%; Pred. No. 5.8e+02;					
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;					
QY	1393	ACCAAGCTGTTGCAGTTTG	1411		
DB	20	ACCAAGAAGTTCAGTTTCG	2		
RESULT 601					
US-10-786-720-20516					
; Sequence 20516, Application US/10786720					
; Publication No. US2004019181A1					
; GENERAL INFORMATION:					
; APPLICANT: Wyeth					
; APPLICANT: O'Toole, Margot					
; APPLICANT: Liu, Wei					
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE					
; TITLE OF INVENTION: DISEASES					
; FILE REFERENCE: 031896-023000 (AM101331L)					
; CURRENT APPLICATION NUMBER: US/10/786,720					
; CURRENT FILING DATE: 2004-02-26					
; NUMBER OF SEQ ID NOS: 21135					
; SOFTWARE: PatentIn version 3.2					
; SEQ ID NO 20516					
; LENGTH: 21					
; TYPE: RNA					
; ORGANISM: RNai-sense strand					
US-10-786-720-20516					
Query Match 0.8%; Score 14.2; DB 1; Length 21;					

```

Db      3 GAAGCTTACATTCTTCCTC 21
||||| ||||| ||||| ||||| |||||
RESULT 597
US-10-786-720-14105
; Sequence 14105, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14105
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Rnai-sense strand
US-10-786-720-14105

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 52.6%; Pred.No. 5.8e+02;
Matches 10; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY      1446 GAAACATCCATTCTTCCTC 1464
||||| :||:::||:|
Db      1 GAAGCUUACAUCUUCCUC 19

RESULT 598
US-10-786-720-14107
; Sequence 14107, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14107
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14107

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred.No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1446 GAAACATCCATTCTTCCTC 1464
||||| ||||| ||||| ||||| |||||
Db      1 GAAGCTTACATTCTTCCTC 19

RESULT 599
US-10-786-720-19852
; Sequence 19852, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

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Best Local Similarity 63.2%; Pred. No. 5.8e+02; Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;	
1393 ACCAAGCTGTTCAGTTTG 1411 : :	
1 ACCAAGAAGUUCAGUUCG 19	
SULT 602	
-10-786-720-20517/c	
Sequence 20517, Application US/10786720	
Publication No. US2004019181A1	
GENERAL INFORMATION:	
APPLICANT: Wyeth	
APPLICANT: O'Toole, Margot	
APPLICANT: Liu, Wei	
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE	
FILE REFERENCE: 031896-023000 (AM101331L)	
CURRENT FILING DATE: 2004-02-26	
CURRENT APPLICATION NUMBER: US/10/786,720	
NUMBER OF SEQ ID NOS: 21135	
SOFTWARE: PatentIn version 3.2	
SEQ ID NO 20517	
LENGTH: 21	
TYPE: RNA	
ORGANISM: RNai-antisense strand	
-10-786-720-20517	
Query Match 0.8%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 5.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
1393 ACCAAGCTGTTCAGTTTG 1411 : :	
19 ACCAAGAAGTTCAGTTTCG 1	
SULT 603	
-10-786-720-20726	
Sequence 20726, Application US/10786720	
Publication No. US2004019181A1	
GENERAL INFORMATION:	
APPLICANT: Wyeth	
APPLICANT: O'Toole, Margot	
APPLICANT: Liu, Wei	
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE	
FILE REFERENCE: 031896-023000 (AM101331L)	
CURRENT FILING DATE: 2004-02-26	
CURRENT APPLICATION NUMBER: US/10/786,720	
NUMBER OF SEQ ID NOS: 21135	
SOFTWARE: PatentIn version 3.2	
SEQ ID NO 20726	
LENGTH: 21	
TYPE: RNA	
ORGANISM: RNai-sense strand	
-10-786-720-20726	
Query Match 0.8%; Score 14.2; DB 1; Length 21; Best Local Similarity 63.2%; Pred. No. 5.8e+02; Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;	
1393 ACCAAGCTGTTCAGTTTG 1411 : :	
1 ACCAAGAAGUUCAGUUCG 19	
SULT 604	
-10-786-720-20727/c	
Sequence 20727, Application US/10786720	
Publication No. US2004019181A1	
GENERAL INFORMATION:	
APPLICANT: Wyeth	
APPLICANT: O'Toole, Margot	
APPLICANT: Liu, Wei	
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE	
FILE REFERENCE: 031896-023000 (AM101331L)	
CURRENT FILING DATE: 2004-02-26	
CURRENT APPLICATION NUMBER: US/10/786,720	
NUMBER OF SEQ ID NOS: 21135	
SOFTWARE: PatentIn version 3.2	
SEQ ID NO 20727	
LENGTH: 21	
TYPE: RNA	
ORGANISM: RNai-antisense strand	
-10-786-720-20727	
Query Match 0.8%; Score 14.2; DB 1; Length 21; Best Local Similarity 84.2%; Pred. No. 5.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
1393 ACCAAGCTGTTCAGTTTG 1411 : :	
19 ACCAAGAAGTTCAGTTTCG 1	
RESULT 605	
US-10-056-414-319	
Sequence 319, Application US/10056414	
Publication No. US2003003469A1	
GENERAL INFORMATION:	
APPLICANT: Stinchcomb, Dan T. Draper, Kenneth G. McSwiggen, James	
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF NF-KB	
NUMBER OF SEQUENCES: 830	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: Lyon & Lyon	
STREET: 633 West Fifth Street	
Suite 4700	
CITY: Los Angeles	
STATE: California	
COUNTRY: U.S.A.	
ZIP: 90071-2066	
COMPUTER READABLE FORM: 3.5" Diskette, 1.44 Mb storage	
COMPUTER: IBM Compatible	
OPERATING SYSTEM: IBM P.C. DOS 5.0	
SOFTWARE: Word Perfect 5.1	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/10/056,414	
FILING DATE: 23-Jan-2002	
CLASSIFICATION: <Unknown>	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: US/08/291,932A	
FILING DATE: August 15, 1994	
APPLICATION NUMBER: 08/245,466	
FILING DATE: May 18, 1994	
APPLICATION NUMBER: 07/987,132	
FILING DATE: December 7, 1992	
ATTORNEY/AGENT INFORMATION:	
NAME: Warburg, Richard J.	
REGISTRATION NUMBER: 32,327	
REFERENCE/DOCKET NUMBER: 208/157	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: (213) 489-1600	
TELEFAX: (213) 955-0440	
TELEX: 67-3510	
INFORMATION FOR SEQ ID NO: 319:	
SEQUENCE CHARACTERISTICS:	

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 319:
US-10-056-414-319

Query Match 0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 4.4e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCATCTTTTGACAA 551
|||||:|:|:|
Db 1 CCCAUCUUGACAA 14

RESULT 606
US-09-827-998-541
; Sequence 541, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMPF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-541

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCA 300
|||||:|:|:|
Db 4 AACTTCGTTCTGCA 17

RESULT 607
US-09-827-998-542
; Sequence 542, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMPF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-542

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 287 AACTTCGTTCTGCA 300
|||||:|:|:|
Db 3 AACTTCGTTCTGCA 16

RESULT 608
US-09-864-785-157
; Sequence 157, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-157

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCATCTTTTGACAA 551
|||||:|:|:|
Db 3 CCCAUCUUGACAA 16

RESULT 609
US-09-780-533A-760
; Sequence 760, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 760
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-760

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 83 CCCGCGGCTCTGAG 96
|||||:|:|:|
Db 1 CCCGCGGCTCTGAG 14

SULT 610
-09-780-533A-1785
Sequence 1785, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBH00.878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780.533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1785
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-780-533A-1785
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
83 CCGCGGGCTCTGAG 96
|||||:|:|
3 CCGCGGGCUCUGAG 16
SULT 611
-09-780-533A-2332
Sequence 2332, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBH00.878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780.533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2332
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-780-533A-2332
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
83 CCGCGGGCTCTGAG 96
|||||:|:|
4 CCGCGGGCUCUGAG 17
SULT 612
-09-848-754A-277/C
Sequence 277, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 277
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-277
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1367 TTGATAGCGGCGG 1380
|||||:|:|
Db 17 TTGATAGCGGCGG 4
RESULT 613
US-09-848-754A-278/C
; Sequence 278, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 278
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-278
Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1366 CTTGATAGCGGCGG 1379
|||||:|:|
Db 14 CTTGATAGCGGCGG 1
RESULT 614
US-09-792-818-73/C
; Sequence 73, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 73
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-73

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTTCGGAAACTGGA 611
|||||
DB 16 TTTCGGAAACTGGA 3

RESULT 615

US-09-792-818-74/c
; Sequence 74, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-74

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTTCGGAAACTGGA 611
|||||
DB 15 TTTCGGAAACTGGA 2

RESULT 616

US-09-792-818-75/c
; Sequence 75, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insertion
; FILE REFERENCE: MBH00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 75
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-75

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTTCGGAAACTGGA 611
|||||
DB 14 TTTCGGAAACTGGA 1

RESULT 617

US-10-238-700-2757
; Sequence 2757, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels of
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2757
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2757

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 CGCGCGCCCGCCG 116
|||||
DB 4 CGCGCGCCCGCCG 17

RESULT 618

US-10-238-700-3612/c
; Sequence 3612, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels of
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3612
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3612

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 515 TGGAGAACTGACC 528
|||||
DB 17 TGGAGAACTGACC 4

RESULT 619

US-10-675-685-541
; Sequence 541, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark

TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 541
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-675-685-541

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

287 AACTTCGTTCTGCA 300
|||||
4 AACTTCGTTCTGCA 17

SULT 620

-10-675-685-542
Sequence 542, Application US/10675685
Publication No. US20040063134A1

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 542
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-675-685-542

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

287 AACTTCGTTCTGCA 300
|||||
3 AACTTCGTTCTGCA 16

SULT 621

-10-138-674-1954
Sequence 1954, Application US/10138674
Publication No. US20040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0
SEQ ID NO 1954
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-1954

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 819 GGAGAGTCCTCA 832
|||||
Db 1 GGAGAGTCCUCA 14

RESULT 622

US-10-138-674-3450
Sequence 3450, Application US/10138674
Publication No. US20040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3450
LENGTH: 17
TYPE: RNA
ORGANISM: Mus musculus
US-10-138-674-3450

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCTGGC 1046
|||||
Db 4 GACUUGGCCUGGC 17

RESULT 623

US-10-138-674-3462
Sequence 3462, Application US/10138674
Publication No. US20040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3462
LENGTH: 17
TYPE: RNA
ORGANISM: Mus musculus
US-10-138-674-3462

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;

```
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
|||:|:|:|:|:|
Do 3 CCAUCUUGACAAG 16

RESULT 624
US-10-138-674-3463
; Sequence 3463, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3463
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3463

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 5.1e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
|||:|:|:|:|:|
Db 2 CCAUCUUGACAAG 15

RESULT 625
US-10-138-674-6817
; Sequence 6817, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6817

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGCTGCTACT 1714
|:|:|:|:|:|:|
Db 4 CUCUCUGCCUACCU 17

RESULT 626
US-10-138-674-6818
; Sequence 6818, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

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; Sequence 6818, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6818

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTGCTGCTACT 1714
|:|:|:|:|:|:|
Db 1 CUCUCUGCCUACCU 14

RESULT 627
US-10-138-674-8934
; Sequence 8934, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8934
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8934

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGAGAAGTCCCTCA 832
|||:|:|:|:|:|
Db 3 GGAGAAGUCCCUCA 16

RESULT 628
US-10-138-674-9032
; Sequence 9032, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
```

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 9032

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-10-138-674-9032

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 64.3%; Pred. No. 5.1e+02;

Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

1701 CTCCTCGCTACCT 1714

1 CUCUUGCCUACCU 16

SULT 629

-10-287-949A-1954

Sequence 1954, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1954

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-10-287-949A-1954

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 5.1e+02;

Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

819 GGAGAAGTCCCTCA 832

1 GGAGAAGUCCCUCA 14

RSULT 630

-10-287-949A-3450

Sequence 3450, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3450

LENGTH: 17

TYPE: RNA

ORGANISM: Mus musculus

US-10-287-949A-3450

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 5.1e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGC 1046

4 GACUUUGCCUGGC 17

RESULT 631

US-10-287-949A-3462

Sequence 3462, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3462

LENGTH: 17

TYPE: RNA

ORGANISM: Mus musculus

US-10-287-949A-3462

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 5.1e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552

3 CCAUCUUUGACAAG 16

RESULT 632

US-10-287-949A-3463

Sequence 3463, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3463

LENGTH: 17

TYPE: RNA

ORGANISM: Mus musculus

US-10-287-949A-3463

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 5.1e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552

3 CCAUCUUUGACAAG 16

Db 2 CCAUUCUUGACAAG 15

RESULT 633

US-10-287-949A-6817
; Sequence 6817, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6817

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCCTGCGCTACT 1714
|:|:|:|:|:|:|:
Db 4 CUCUCUGCCUACCU 17

RESULT 634

US-10-287-949A-6818
; Sequence 6818, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6818

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCCTGCGCTACT 1714
|:|:|:|:|:|:|:
Db 1 CUCUCUGCCUACCU 14

RESULT 635

US-10-287-949A-8934
; Sequence 8934, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8934
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8934

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGAGAAAGTCCTCA 832
|:|:|:|:|:|:|:
Db 3 GGAGAAAGUCCUCA 16

RESULT 636

US-10-287-949A-9032
; Sequence 9032, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9032
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-9032

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 5.1e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCCTGCGCTACT 1714
|:|:|:|:|:|:|:
Db 3 CUCUCUGCCUACCU 16

RESULT 637

US-10-229-370-9
; Sequence 9, Application US/10229370
; Publication No. US20030082600A1
; GENERAL INFORMATION:
; APPLICANT: Olek, Alexander
; APPLICANT: Berlin, Kurt
; TITLE OF INVENTION: Highly sensitive method for the detection of cytosine methylation
; FILE REFERENCE: 81859
; CURRENT APPLICATION NUMBER: US/10/229,370
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9

LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: primer
 -10-229-370-9

Query Match 0.8%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred.No. 5.4e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGG 245
 |||||
 2 GGTGGTGGTGGCGG 15

SULT 638
 -10-388-263-206
 Sequence 206, Application US/10388263
 Publication No. US20030228597A1
 GENERAL INFORMATION:
 APPLICANT: Cowsert, Lex M.
 APPLICANT: Baker, Brenda F.
 APPLICANT: McNeil, John
 APPLICANT: Freier, Susan M.
 APPLICANT: Sasmor, Henri M.
 APPLICANT: Brooks, Douglas G.
 APPLICANT: Chashi, Cara
 APPLICANT: Wyatt, Jacqueline R.
 APPLICANT: Borchers, Alexander
 APPLICANT: Vickers, Timothy A.
 TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
 TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
 TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
 FILE REFERENCE: ISIS-4503
 CURRENT APPLICATION NUMBER: US/10/388,263
 CURRENT FILING DATE: 2003-03-12
 NUMBER OF SEQ ID NOS: 947
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 206
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 -10-388-263-206

Query Match 0.8%; Score 14; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred.No. 5.4e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGG 245
 |||||
 1 GGTGGTGGTGGCGG 14

SULT 639
 -10-138-674-2205
 Sequence 2205, Application US/10138674
 Publication No. US20040077565A1
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Pavco, Pam
 APPLICANT: McSwiggen, Jim
 APPLICANT: Stinchcomb, Dan
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 FILE REFERENCE: MEHB00-876-N (400/049)
 CURRENT APPLICATION NUMBER: US/10/138,674
 CURRENT FILING DATE: 2002-05-03
 NUMBER OF SEQ ID NOS: 20822
 SOFTWARE: PatentIn version 3.0


```

; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1719
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
; 3'-10-665-951-1719

Query Match      0.8%; Score 14; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5.7e+02;
Matches 13; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 180 AGGCATAGACAAGA 193
    |||||:|||||
Db 1 AGGCAUAGACAAGA 14

RESULT 642
US-10-665-951-1966/c
; Sequence 1966, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBH02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1966
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

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US-10-665-951-1966

```

Query Match      0.8%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 180 AGGCATAGACAAGA 193

Db 19 AGGCATAGACAAGA 6

RESULT 643

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US-09-899-440-3/c
; Sequence 3, Application US/09899440
; Publication No. US20030092158A1
; GENERAL INFORMATION:
; APPLICANT: Stein, Cy
; TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
; FILE REFERENCE: 0575/63180
; CURRENT APPLICATION NUMBER: US/09/899,440
; CURRENT FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()..()
; OTHER INFORMATION: antisense oligonucleotide LB65
; US-09-899-440-3

```

```

Query Match      0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 273 TGCTGCTCCTGGGG 286

Db 14 TGCTGCTCCTGGGG 1

RESULT 644

```

US-09-953-318-143/c
; Sequence 143, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-953-318-143

```

```

Query Match      0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 539 CCATCTTTGACAAG 552

Db 18 CCATCTTTGACAAG 5

RESULT 645

```
10-001-073-22/c
Sequence 22, Application US/10001073
Publication No. US20030113725A1
GENERAL INFORMATION:
APPLICANT: Liggett, Stephen
APPLICANT: Small, Kirsten
TITLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms
FILE REFERENCE: 13073-PCT
CURRENT APPLICATION NUMBER: US/10/001,073
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-001-073-22
Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1252 ATCTTAGGACCCC 1265
|||||
17 ATCTTAGGACCCC 4

SULT 646
-10-446-373-143/c
Sequence 143, Application US/10446373
Publication No. US20030204076A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR EXPRESSION
FILE REFERENCE: RTS-0232
CURRENT APPLICATION NUMBER: US/10/446,373
CURRENT FILING DATE: 2003-05-28
PRIOR APPLICATION NUMBER: US/09/953,318
PRIOR FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
SEQ ID NO 143
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
-10-446-373-143
Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

539 CCATCTTTGACAAG 552
|||||
18 CCACTTTGACAAG 5

SULT 647
-10-316-516-26/c
Sequence 26, Application US/10316516
Publication No. US20040110150A1
GENERAL INFORMATION:
APPLICANT: Erich Koller
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
FILE REFERENCE: PTS-0057
CURRENT APPLICATION NUMBER: US/10/316,516
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 26
LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-316-516-26
Query Match 0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 847 TACCTGGACAAGGA 860
|||||
Db 14 TACCTGGACAAGGA 1

RESULT 648
US-09-776-874A-17/c
; Sequence 17, Application US/09776874A
; Patent No. US20020102560A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22603
; CURRENT APPLICATION NUMBER: US/09/776,874A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-776-874A-17
Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 TGCTGCTCTCTGGG 286
|||||
Db 14 TGCTGCTCTCTGGG 1

RESULT 649
US-09-988-113-17/c
; Sequence 17, Application US/09988113
; Patent No. US20020168749A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22781
; CURRENT APPLICATION NUMBER: US/09/988,113
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 09/776,874
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: US 09/109,386
```

; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-988-113-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGGG 286
Db 14 TGCTGCTCTCTGGGG 1

RESULT 650
US-10-184-085A-1096
; Sequence 1096, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1096
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1096

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCC 568
Db 8 CCTCAGCGCGCGCC 21

RESULT 651
US-10-184-085A-1133
; Sequence 1133, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1133
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1133

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCC 568
Db 7 CCTCAGCGCGCGCC 20

RESULT 652
US-10-341-582-17/c
; Sequence 17, Application US/10341582
; Publication No. US20030161823A1
; GENERAL INFORMATION:
; APPLICANT: Neta Ilan
; APPLICANT: Israel Vlodaysky
; APPLICANT: Oron Yacoby-Zeevi
; APPLICANT: Iris Pecker
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
; FILE REFERENCE: 25449
; CURRENT APPLICATION NUMBER: US/10/341,582
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGGG 286
Db 14 TGCTGCTCTCTGGGG 1

RESULT 653
US-10-340-097-24
; Sequence 24, Application US/10340097
; Publication No. US20030162276A1
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. US20030162276Alh F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-F
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: BYLR0065
; CURRENT APPLICATION NUMBER: US/10/340,097
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US/09/032,438A
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27

```
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-340-097-24

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

704 AGGAGATCAGACTG 717
|||||
8 AGGAGATCAGACTG 21

RESULT 654
-10-336-215-24
Sequence 24, Application US/10336215
Publication No. US20030170852A1
GENERAL INFORMATION:
APPLICANT: Allikmets, Rando
APPLICANT: Anderson, Kent L.
APPLICANT: Dean, Michael
APPLICANT: Leppert, Mark
APPLICANT: Lewis, Richard A.
APPLICANT: Li, Yixin
APPLICANT: Lupski, James R.
APPLICANT: Nathans, Jeremy
APPLICANT: Ratner, Amir
APPLICANT: Shroyer, No. US20030170852A1h F.
APPLICANT: Singh, Nanda
APPLICANT: Smallwood, Philip
APPLICANT: Sun, Hui
TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
TITLE OF INVENTION: transporter
FILE REFERENCE: APEI0089
CURRENT APPLICATION NUMBER: US/10/336,215
CURRENT FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/039,388
PRIOR FILING DATE: 1997-02-27
PRIOR APPLICATION NUMBER: 09/032,438
PRIOR FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 120
SOFTWARE: PatentIn version 3.2
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-336-215-24

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

704 AGGAGATCAGACTG 717
|||||
8 AGGAGATCAGACTG 21

RESULT 655
-10-336-219-24
Sequence 24, Application US/10336219
Publication No. US20030170853A1
GENERAL INFORMATION:
APPLICANT: Allikmets, Rando
APPLICANT: Anderson, Kent L.
APPLICANT: Dean, Michael
```

```
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Ratner, Amir
; APPLICANT: Shroyer, No. US20030170853A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
; TITLE OF INVENTION: ATP-Binding Cassette Transporter
; FILE REFERENCE: BYLR0072
; CURRENT APPLICATION NUMBER: US/10/336,219
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-219-24

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717
DB 8 AGGAGATCAGACTG 21
```

```
RESULT 656
US-10-384-451-17/c
; Sequence 17, Application US/10384451
; Publication No. US20030170860A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodayevsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25718
; CURRENT APPLICATION NUMBER: US/10/384,451
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-451-17

Query Match          0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TCCTGCTCCTGGG 286
DB 14 TCCTGCTCCTGGG 1
```

```
RESULT 657
US-10-384-450-17/c
; Sequence 17, Application US/10384450
```

; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
|||
DB 14 TGCTGCTCCTGGGG 1

RESULT 658

US-10-371-218A-17/c
; Sequence 17, Application US/10371218A
; Publication No. US20030217375A1
; GENERAL INFORMATION:
; APPLICANT: Zcharia, Eyal
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Metzger, Shula
; APPLICANT: Pecker, Iris
; APPLICANT: Ilan, Neta
; APPLICANT: Chajek-Shaul, Tova
; APPLICANT: Goldshmidt, Orit
; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
; FILE REFERENCE: 25783
; CURRENT APPLICATION NUMBER: US/10/371,218A
; CURRENT FILING DATE: 2003-07-01
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-371-218A-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
|||
DB 14 TGCTGCTCCTGGGG 1

RESULT 659

US-10-456-573-17/c
; Sequence 17, Application US/10456573
; Publication No. US20030236215A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY

; TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25677
; CURRENT APPLICATION NUMBER: US/10/456,573
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: US 09/435,739
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-456-573-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
|||
DB 14 TGCTGCTCCTGGGG 1

RESULT 660

US-10-785-116-17/c
; Sequence 17, Application US/10785116
; Publication No. US20040142427A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 27674
; CURRENT APPLICATION NUMBER: US/10/785,116
; CURRENT FILING DATE: 2004-02-25
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-785-116-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCCTGGGG 286
|||
DB 14 TGCTGCTCCTGGGG 1

RESULT 661

US-10-717-597-2421
; Sequence 2421, Application US/10717597
; Publication No. US20040110221A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael E.
; APPLICANT: Twine, Natalie C.
; APPLICANT: Dörner, Andrew J.
; APPLICANT: Trepicchio, William L.

APPLICANT: Slonim, Donna K.
 APPLICANT: Stover, Jennifer A.
 TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
 FILE REFERENCE: AM101080L
 CURRENT APPLICATION NUMBER: US/10/717,597
 CURRENT FILING DATE: 2003-11-21
 PRIOR APPLICATION NUMBER: US 60/459,782
 PRIOR FILING DATE: 2003-04-03
 PRIOR APPLICATION NUMBER: US 60/427,982
 PRIOR FILING DATE: 2002-11-21
 NUMBER OF SEQ ID NOS: 4904
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 2421
 LENGTH: 25
 TYPE: DNA
 ORGANISM: Homo sapiens
 -10-717-597-2421

Query Match 0.8%; Score 14; DB 1; Length 25;
 best Local Similarity 77.3%; Pred. No. 7.5e+02;
 matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

1691 TCCTGTCTTACTCTCTGCTCTAC 1712
 ||||| ||||| |||||
 2 TTCTGTCTTAATGTCAGTCTAC 23

SULT 662
 -09-866-108-1526/c
 Sequence 1526, Application US/09866108
 Patent No. US20020048800A1
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 553 CCCCTCAGCGCGCCT 569
||||| ||||| |||||
DB 17 CCCACAGCCACCGCCT 1

RESULT 664

US-09-866-108-6796/c
; Sequence 6796, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6796
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6796

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCC 568
||||| ||||| |||||
DB 17 GCCCACAGCCACCGCC 1

RESULT 665

US-09-866-108-8045
; Sequence 8045, Application US/09866108

; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8045
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8045

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAGCAGAT 143
||||| ||||| |||||
DB 1 GAGCGGATGAGCAGAT 17

RESULT 666

US-09-866-108-10010
; Sequence 10010, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10010
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108-10010

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
386 CGTCTCGAGTGGTG 402
|||||
1 CGTCTCGAGCGGTG 17

SULT 667
-09-866-108-10664/c
Sequence 10664, Application US/09866108
Patent No. US200204800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aeomica Sequence Listing Engine
;; SEQ ID NO 10664
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-10664

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1026 GCTGGTGACTTTGGCC 1042
|||||
Db 17 GCTGGTGCTCTGGCC 1

RESULT 668
US-09-827-998-575
Sequence 575, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDHMOF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 575
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-827-998-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1010 AGAGGGAGAGCTCAAG 1026
|||||
Db 1 AGAGGAGAGAGTCAAG 17

RESULT 669


```
US-09-827-998-576
; Sequence 576, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 576
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-576

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGAGAGCTCAAGC 1027
      ||||| ||||| |||||
Db 1 GAGGAGAGAGTCAAGC 17

RESULT 670
US-09-785-548-8/c
; Sequence 8, Application US/09785548
; Patent No. US2002015557A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMACEUTICALS, INC.
; TITLE OF INVENTION: COMPOSITIONS THAT CAN BE USED FOR REGULATING THE ACTIVITY OF PARK
; FILE REFERENCE: ST000005
; CURRENT APPLICATION NUMBER: US/09/785,548
; CURRENT FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:Oligonucleotide
US-09-785-548-8

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 GGTGCTACACCGAGACC 982
      ||||| ||||| |||||
Db 17 GATGCCACACCGAGACC 1

RESULT 671
US-09-730-289B-526/c
; Sequence 526, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH900-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
```

```
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 526
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-526

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 620 TTAAGCTGGGCAAACTG 636
      ||||| ||||| |||||
Db 17 TTAAGCTGGGCAAGCTG 1

RESULT 672
US-09-927-046-808
; Sequence 808, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 808
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-808

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCAGGCGAGCCAGCT 1587
      |::| ||||| |||||
Db 1 AAUCACAGCAGCCAGCU 17

RESULT 673
US-09-927-046-809
; Sequence 809, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloric
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 809
; LENGTH: 17
```

TYPE: RNA
ORGANISM: Homo sapiens
-09-927-046-809

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.5e+02;
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

1575 AGGAGCCGAGCTTCC 1591
1 AAGCAGGCCAGCUUUC 17

SULT 674
-09-927-046-1498
Sequence 1498, Application US/C9927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szykowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1498
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-927-046-1498

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

1569 TGACTCAGCGAGCCAG 1585
1 UGAUCAAGCAGGCCAG 17

SULT 675
-09-848-754A-1433
Sequence 1433, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
FILE REFERENCE: MBH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1433
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-848-754A-1433

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

989 CCCAGAACCTGCTCATC 1005
1 CCCAGUACCGCUCAAC 17

RESULT 676
US-09-848-754A-2295/c
; Sequence 2295, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2295
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2295

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 953 GCCACCGGCAGAGGTG 969
Db 17 GCCACCGGCAGAGGTG 1

RESULT 677
US-09-848-754A-2620/c
; Sequence 2620, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2620
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2620

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 211 CAGATAGCCCTGGATGA 227
Db 17 CAGTTGGCGCTGGATGA 1

RESULT 678
US-09-930-423-185/c
; Sequence 185, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 185

```
? LENGTH: 17
? TYPE: RNA
? ORGANISM: Homo Sapiens
US-09-930-423-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 679
US-09-827-395A-632
; Sequence 632, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-632

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.8%; Pred. No. 5.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCGCTGG 946
   |||:|||||
Db 1 GCUGUCCGCGGCCUGG 17

RESULT 680
US-09-740-332-652/c
; Sequence 652, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-652

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
```

```
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATGAA 1448
   |||||
Db 17 GGAGAGGATGCCATGCA 1

RESULT 681
US-09-740-332-1574
; Sequence 1574, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1574

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 351 GGGGTCTGATGGGGAGA 367
   |||||
Db 1 GGGGUCUGGGGGAGA 17

RESULT 682
US-09-745-237A-185/c
; Sequence 185, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-185

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGCGCA 735
   |||||
Db 17 AGCATGAAGAGGGGCGCA 1

RESULT 683
US-09-817-879-652/c
; Sequence 652, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
```

APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 652
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-652

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1432 GCAGAGGATGCCATGAA 1448
17 GGAGAGGATGCCATGCA 1

SULT 684
-09-817-879-1574
Sequence 1574, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1574
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-1574

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

351 GGGGTCTGATGGGAGA 367
1 GGGGUCGCGGGGAGA 17

SULT 685
-10-060-998-61
Sequence 61, Application US/10060998
Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/343,331
PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 3056
SOFTWARE: Aeonica Sequence Listing Engine
SEQ ID NO 61
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-998-61

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 TATCTTAGGAACCCCAA 1267
DB 1 TATCTAAGGAATCCCAA 17

RESULT 686
US-10-163-552-557
Sequence 557, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to levels of HER2
FILE REFERENCE: MHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 557
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-557

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 654 CACCGTCTACAAAGGCA 670
DB 1 CACAGUCUACAGGGCA 17

RESULT 687
US-10-156-306-5038/c
Sequence 5038, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Levels of IKK-Gamma and PKR
FILE REFERENCE: MHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5038
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-5038

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGGCAGGAG 46

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Do 17 GGAGAGGTAGCAGGG 1
| |||||
RESULT 688
US-10-238-700-17/c
; Sequence 17, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-17
Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 559 AGCGCGCGCTCGTGC 575
|||||
Db 17 AGCGCGCGCACCTTCG 1
|||||
RESULT 689
US-10-238-700-3492/c
; Sequence 3492, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3492
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3492
Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1627 GGCCCCAGCAGGCG 1643
| |||||
Db 17 GCCCCAGCAGGCGATG 1
| |||||
RESULT 690
US-10-061-201-108/c
; Sequence 108, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 108
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-108
Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 556 CTCAGCGCGCGCTCCG 572
|||||
Db 17 CTCAGCGCGCTCCCG 1
|||||
RESULT 691
US-10-061-201-280/c
; Sequence 280, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; NUMBER OF SEQ ID NOS: 4162
```

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 280

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-061-201-280

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

696 GGCACTCAAGGAGATCA 712

17 GGCACTCAGAGATCA 1

SULT 692

-10-061-201-1983

Sequence 1983, Application US/10061201

Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061.201

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/006670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 1983

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-061-201-1983

Query Match 0.8%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 5.5e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1662 CCCTCAGGGGAGGCC 1678

1 CCCTCAGGGGAGGCC 17

SULT 693

-10-230-006-2190

Sequence 2190, Application US/10230006

Publication No. US20030191077A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Fosnaugh, Kathy

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

FILE REFERENCE: 400/056 (MBH01-1110)

CURRENT APPLICATION NUMBER: US/10/230,006

CURRENT FILING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2190

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-230-006-2190

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1;

Matches 12; Conservative 70.6%; Pred. No. 5.5e+02;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Cy 317 CTGCACGAGATTGTG 333

1 CUGCACCAGGACUG 17

RESULT 694

US-10-230-006-2191

Sequence 2191, Application US/10230006

Publication No. US20030191077A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Fosnaugh, Kathy

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND

FILE REFERENCE: 400/056 (MBH01-1110)

CURRENT APPLICATION NUMBER: US/10/230,006

CURRENT FILING DATE: 2002-11-18

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-28

NUMBER OF SEQ ID NOS: 2678

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2191

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-230-006-2191

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 12; Conservative 70.6%; Pred. No. 5.5e+02;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Cy 318 TGCACGAGATTGTGC 334

1 UGCACGAGGACUG 17

RESULT 695

US-10-430-882-632

Sequence 632, Application US/10430882

Publication No. US20030203870A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Lawrence Blatt

APPLICANT: James McSwiggen

APPLICANT: Bharat Chowira

APPLICANT: Peter Haerberli

TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor

FILE REFERENCE: MBH00-878-H (400/112)

CURRENT APPLICATION NUMBER: US/10/430,882

CURRENT FILING DATE: 2003-05-06

PRIOR APPLICATION NUMBER: 09/827,395

PRIOR FILING DATE: 2001-04-05

PRIOR APPLICATION NUMBER: 09/780,533

PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: PCT/US01/04273

PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/181,797

;; PRIOR FILING DATE: 2000-02-11
;; PRIOR APPLICATION NUMBER: PCT/US02/10512
;; PRIOR FILING DATE: 2002-04-03
;; NUMBER OF SEQ ID NOS: 2617
;; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-430-882-632

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5.5e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGGGCTGG 946
|||.|||||
Db 1 GCUUUCGCGGCCUGG 17

RESULT 696
US-10-675-685-575
; Sequence 575, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGAGAGCTCAAG 1026
|||||
Db 1 AGAGGAGAGAGGTCAAG 17

RESULT 697
US-10-675-685-576
; Sequence 576, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 576
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-675-685-576

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGAGAGCTCAAGC 1027
|||||
Db 1 GAGGAGAGAGGTCAAGC 17

RESULT 698
US-10-138-674-1989
; Sequence 1989, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1989
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1989

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 5.5e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1035 CTTTGGCTGGCCGAG 1051
|||||
Db 1 CUUUGGCUUGGCCGGG 17

RESULT 699
US-10-138-674-7700
; Sequence 7700, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7700
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-7700

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.5e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCTGGCCC 1048
|||
Db 1 UGAUUUGGCCUUGCCC 17

atches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

351 GGGGTCTGATGGGAGA 367
||||:|:|
1 GGGGUCUGCGGGGAGA 17

MULT 707

-10-723-361-1526/c
Sequence 1526, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723.361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1526

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-723-361-1526

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

986 AGCCCGACCTGCTC 1002
|||||
17 AGCCCGACCTGCTC 1

MULT 708

-10-723-361-6795/c
Sequence 6795, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723.361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 6795

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-723-361-6795

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 553 CCCCTCAGCCGCGCCT 569
|||||
DB 17 CCCACAGCCACCGCCT 1

RESULT 709

US-10-723-361-6796/c
Sequence 6796, Application US/10723361
Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723.361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 6796
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-6796

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCC 568
||||| ||||| |||||
DB 17 GCCCACAGCCAGCC 1

RESULT 710
US-10-723-361-8045
Sequence 8045, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 8045
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8045

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAAGAT 143

DB 1 GAGCGGATGAGCAGAT 17
||||| ||||| |||||

RESULT 711
US-10-723-361-10010
Sequence 10010, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 10010
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-10010

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CGTCCTCGGATGAGGTG 402
||||| ||||| |||||
DB 1 CGTCCTCGGAGCGGTG 17

RESULT 712
US-10-723-361-10664/c
Sequence 10664, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00866
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00867
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00864
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00869
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00865
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00868
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 10664
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-723-361-10664

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1026 GCTGGTGACTTGGCC 1042
|||||
17 GCTGGTGCTTGCAG 1

SULT 713
-10-413-357A-104/c
Sequence 104, Application US/10413357A
Publication No. US20040203007A1
GENERAL INFORMATION:
APPLICANT: STOJANOVIC, MILAN N
APPLICANT: LANDRY, DONALD W
TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
FILE REFERENCE: 0575/68105
CURRENT APPLICATION NUMBER: US/10/413.357A
CURRENT FILING DATE: 2003-04-14
NUMBER OF SEQ ID NOS: 153
SOFTWARE: PatentIn version 3.1
SEQ ID NO 104
LENGTH: 17
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
-10-413-357A-104

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

963 GAAGTGCTACCCGAG 979
|||||
17 GAAGTGCTTACCCAG 1

SULT 714
-10-413-357A-109/c

; Sequence 109, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413.357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 109
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-109

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 963 GAAGTGCTACCCGAG 979
|||||
Db 17 GAAGTGCTTACCCAG 1

RESULT 715
US-10-413-357A-114/c
Sequence 114, Application US/10413357A
Publication No. US20040203007A1
GENERAL INFORMATION:
APPLICANT: STOJANOVIC, MILAN N
APPLICANT: LANDRY, DONALD W
APPLICANT: NIKIC, DRAGAN B
TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
FILE REFERENCE: 0575/68105
CURRENT APPLICATION NUMBER: US/10/413.357A
CURRENT FILING DATE: 2003-04-14
NUMBER OF SEQ ID NOS: 153
SOFTWARE: PatentIn version 3.1
SEQ ID NO 114
LENGTH: 17
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-114

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 963 GAAGTGCTACCCGAG 979
|||||
Db 17 GAAGTGCTTACCCAG 1

RESULT 716
US-10-413-357A-119/c
Sequence 119, Application US/10413357A
Publication No. US20040203007A1
GENERAL INFORMATION:
APPLICANT: STOJANOVIC, MILAN N
APPLICANT: LANDRY, DONALD W
APPLICANT: NIKIC, DRAGAN B
TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
FILE REFERENCE: 0575/68105

```
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 119
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-119

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTCAACCCAG 1

RESULT 717
US-10-413-357A-124/c
; Sequence 124, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-124

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTCAACCCAG 1

RESULT 718
US-10-413-357A-129/c
; Sequence 129, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 129
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-129

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTCAACCCAG 1

RESULT 719
US-10-413-357A-134/c
; Sequence 134, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 134
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-134

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTCAACCCAG 1

RESULT 720
US-10-413-357A-139/c
; Sequence 139, Application US/10413357A
; Publication No. US20040203007A1
; GENERAL INFORMATION:
; APPLICANT: STOJANOVIC, MILAN N
; APPLICANT: LANDRY, DONALD W
; APPLICANT: NIKIC, DRAGAN B
; TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID
; FILE REFERENCE: 0575/68105
; CURRENT APPLICATION NUMBER: US/10/413,357A
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 17
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE
US-10-413-357A-139

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 963 GAAGGTGCTACACCGAG 979
Db 17 GAAGGTGCTTCAACCCAG 1
```

17 GAAGGTGCTTCACCCAG 1

SULT 721

-10-413-357A-144/c

Sequence 144, Application US/10413357A

Publication No. US20040203007A1

GENERAL INFORMATION:

APPLICANT: STOJANOVIC, MILAN N

APPLICANT: LANDRY, DONALD W

APPLICANT: NIKIC, DRAGAN B

TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID

TITLE OF INVENTION: DETERMINATION

FILE REFERENCE: 0575/68105

CURRENT APPLICATION NUMBER: US/10/413,357A

CURRENT FILING DATE: 2003-04-14

NUMBER OF SEQ ID NOS: 153

SOFTWARE: PatentIn version 3.1

SEQ ID NO 144

LENGTH: 17

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURE:

OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE

-10-413-357A-144

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

963 GAAGGTGCTTCACCCAG 979

17 GAAGGTGCTTCACCCAG 1

SULT 722

-10-413-357A-149/c

Sequence 149, Application US/10413357A

Publication No. US20040203007A1

GENERAL INFORMATION:

APPLICANT: STOJANOVIC, MILAN N

APPLICANT: LANDRY, DONALD W

APPLICANT: NIKIC, DRAGAN B

TITLE OF INVENTION: CROSS REACTIVE ARRAYS OF THREE-WAY JUNCTION SENSORS FOR STEROID

TITLE OF INVENTION: DETERMINATION

FILE REFERENCE: 0575/68105

CURRENT APPLICATION NUMBER: US/10/413,357A

CURRENT FILING DATE: 2003-04-14

NUMBER OF SEQ ID NOS: 153

SOFTWARE: PatentIn version 3.1

SEQ ID NO 149

LENGTH: 17

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURE:

OTHER INFORMATION: ARTIFICIAL APTAMER, NO SOURCE

-10-413-357A-149

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

963 GAAGGTGCTTCACCCAG 979

17 GAAGGTGCTTCACCCAG 1

SULT 723

-09-911-860A-3

Sequence 3, Application US/09911860A

Publication No. US20030104383A1

GENERAL INFORMATION:

APPLICANT: Nakamura, Kanji

APPLICANT: Ueno, Toshihiro

TITLE OF INVENTION: Nucleic Acid, Nucleic Acid for Detecting Chlorinated Ethylene-Decom

TITLE OF INVENTION: Bacteria, Probe, Method of Detecting Chlorinated Ethylene-Decompo

TITLE OF INVENTION: and Method of Decomposing Chlorinated Ethylene or Ethane

FILE REFERENCE: 9659/0L377-US0

CURRENT APPLICATION NUMBER: US/09/911.860A

CURRENT FILING DATE: 2002-12-17

PRIOR APPLICATION NUMBER: JP2000-227580

PRIOR FILING DATE: 2000-07-24

PRIOR APPLICATION NUMBER: JP2001-066001

PRIOR FILING DATE: 2001-03-09

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn version 3.1

SEQ ID NO 3

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: primer

US-09-911-860A-3

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 596 GCTTTGGGAAACTGGAG 612

Db 1 GCTTCGGGAAACTGAG 17

RESULT 724

US-09-823-885-3

Sequence 3, Application US/09823885

Publication No. US20030186044A1

GENERAL INFORMATION:

APPLICANT: Jacobs, Kenneth

APPLICANT: McCoy, John M.

APPLICANT: LaVallie, Edward R.

APPLICANT: Collins-Racie, Lisa A.

APPLICANT: Evans, Cheryl

APPLICANT: Merberg, David

APPLICANT: Treacy, Maurice

APPLICANT: Genetics Institute, Inc.

TITLE OF INVENTION: NOVEL PROTEINS

FILE REFERENCE: GIN-6507CP

CURRENT APPLICATION NUMBER: US/09/823,885

CURRENT FILING DATE: 2001-03-30

PRIOR APPLICATION NUMBER: US 60/193,769

PRIOR FILING DATE: 2000-03-31

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-09-823-885-3

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 18;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 627 GGACAAACTGGCGAGG 643

Db 2 GGACAAACTGGGGAG 18

RESULT 725

US-10-156-610-19/c

Sequence 19, Application US/10156610

Publication No. US20030050270A1

GENERAL INFORMATION:

```
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: ISPH-0666
; CURRENT APPLICATION NUMBER: US/10/156,610
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 09/856,246
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/16959
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/197,008
; PRIOR FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-156-610-19

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      831 CACCCTTGCTTTGAGT 847
Db      17 CACCCTGGCCTTTGAGT 1

RESULT 726
US-10-133-779-127/c
; Sequence 127, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: StemCytex, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 127
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-127

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      503 CTGAGGCTACTGTGAG 519
Db      18 CTGAAGCCTACCTGGAG 2

RESULT 727
US-10-168-445-2
; Sequence 2, Application US/10168445
; Publication No. US20030177518A1
; GENERAL INFORMATION:
; APPLICANT: Osbourn, Anne E
; APPLICANT: Haralampidis, Kosmas
; APPLICANT: Bryan, Gregory T
; TITLE OF INVENTION: Plant Gene
```

```
; FILE REFERENCE: 0380-P02892US0
; CURRENT APPLICATION NUMBER: US/10/168,445
; CURRENT FILING DATE: 2002-10-30
; PRIOR APPLICATION NUMBER: PCT/GB00/04908
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: GB 9930394.3
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: GB 0020217.6
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-10-168-445-2

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1079 CCAATGAGGTGGTGACA 1095
Db      2 CCCATGAGGTGGTGACA 18

RESULT 728
US-10-388-263-281/c
; Sequence 281, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 281
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-281

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      512 ACCTGGAGAGCTGACC 528
Db      17 ACGTGGAGAGCTGACC 1

RESULT 729
US-10-428-868-22
; Sequence 22, Application US/10428868
; Publication No. US20030235532A1
; GENERAL INFORMATION:
```

APPLICANT: Russell, Stephen
APPLICANT: Kay Whye, Peng
TITLE OF INVENTION: System for Monitoring the Location of Transgenes
FILE REFERENCE: 07039-295001
CURRENT APPLICATION NUMBER: US/10/428,868
CURRENT FILING DATE: 2003-05-01
PRIOR APPLICATION NUMBER: US/09/640,198D
PRIOR FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 60/149,168
PRIOR FILING DATE: 1999-08-17
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
-10-428-868-22

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1723 CATGTTCACTGCCAC 1739
||||||| ||||| ||
1 CATGTTCACTGCTAC 17

SULT 730
-10-016-248-68
Sequence 68, Application US/10016248
Publication No. US20040033491A1
GENERAL INFORMATION:
APPLICANT: Alsbrook et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-218
CURRENT APPLICATION NUMBER: US/10/016,248
CURRENT FILING DATE: 2002-09-20
PRIOR APPLICATION NUMBER: 60/254,329
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/291,037
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 60/255,648
PRIOR FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: 60/297,173
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: 60/309,258
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/326,393
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/315,639
PRIOR FILING DATE: 2001-08-29
NUMBER OF SEQ ID NOS: 167
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 68
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
-10-016-248-68

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTCC 571
||||||| ||||| ||
1 CCTCAGCGTCCGCTCC 17

SULT 731

US-10-138-674-3004
; Sequence 3004, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3004
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674-3004

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCTGGCCG 1049
||||: |||: |||||
Db 1 GACUUGGCUUGGCCG 17

RESULT 732
US-10-257-384A-12
; Sequence 12, Application US/10257384A
; Publication No. US20040087524A1
; GENERAL INFORMATION:
; APPLICANT: Wiederanders, Bernd
; APPLICANT: Maubach, Gunter
; TITLE OF INVENTION: Agent for postoperative use after removal of bone tumors
; FILE REFERENCE: 2945-101
; CURRENT APPLICATION NUMBER: US/10/257,384A
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: PCT/DE 01/01510
; PRIOR FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: DE 100 20 125.3
; PRIOR FILING DATE: 2000-04-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Spacer molecule
; FEATURE:
; OTHER INFORMATION: spacer between Cystatin C and BMP-2
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(18)
US-10-257-384A-12

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 229 AGTCGTGGTGGCGG 245
||||||| ||||| ||
Db 1 AGCGTGGCGTGGCGG 17

RESULT 733
US-10-287-949A-3004
; Sequence 3004, Application US/10287949A

Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH800-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3004
LENGTH: 18
TYPE: RNA
ORGANISM: Mus musculus
US-10-287-949A-3004

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGCCTGCCG 1049
||||: ||||: |||||
DB 1 GACUUCGGCUGGCCCG 17

RESULT 734

US-09-891-517-90/c
Sequence 90, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 90
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-90

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1721 GCCATGTTCACTGCC 1737
||||||| ||||| |||||
DB 19 GCCATGTGCACGTGCC 3

RESULT 735

US-09-891-517-97
Sequence 97, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 97
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-97

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1721 GCCATGTTCACTGCC 1737
||||||| ||||| |||||
DB 1 GCCATGTGCACGTGCC 17

RESULT 736

US-09-891-517-105/c
Sequence 105, Application US/09891517
Patent No. US20020106653A1
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS OF NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
TITLE OF INVENTION: METHOD
FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891,517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 105
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic DNA
US-09-891-517-105

OTHER INFORMATION: Synthetic DNA
-09-891-517-105

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1721 GCCATGTTCACTGCCC 1737
|||||
19 GCCATGTGCACGTGCC 3

SULT 737

-09-891-517-107/c
Sequence 107, Application US/09891517
Patent No. US20020106653A1

GENERAL INFORMATION:

APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, YOICHI
APPLICANT: TORIMURA, MASAKI
APPLICANT: KURATA, SHINYA
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU

TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA

TITLE OF INVENTION: METHOD

FILE REFERENCE: 210352US-1994-163-0-X
CURRENT APPLICATION NUMBER: US/09/891.517
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: JP2000-193133
PRIOR FILING DATE: 2000-06-27
PRIOR APPLICATION NUMBER: JP2000-236115
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: JP2000-292483
PRIOR FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn version 3.1
SEQ ID NO 107
LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic DNA

-09-891-517-107

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1721 GCCATGTTCACTGCCC 1737
|||||
19 GCCATGTGCACGTGCC 3

SULT 738

-10-173-718-6/c

Sequence 6, Application US/10173718
Publication No. US2003023437A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION

FILE REFERENCE: PFS-0036

CURRENT APPLICATION NUMBER: US/10/173,718

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 125

SEQ ID NO 6

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR Primer

US-10-173-718-6

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1563 GATGCTCTGACTCAGGCA 1579
|||||
Db 17 GATGCTCTGCTCAGGAA 1

RESULT 739

US-10-206-618-41

Sequence 41, Application US/10206618
Publication No. US20040018497A1

GENERAL INFORMATION:

APPLICANT: Warden, Craig H.

TITLE OF INVENTION: HUMAN OBESITY LIPIN3 POLYNUCLEOTIDE AND

TITLE OF INVENTION: POLYPEPTIDE SEQUENCES AND METHODS OF USE THEREOF

FILE REFERENCE: 220002064100

CURRENT APPLICATION NUMBER: US/10/206,618

CURRENT FILING DATE: 2002-07-26

NUMBER OF SEQ ID NOS: 43

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 41

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-10-206-618-41

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1383 CGACCTCTCACCAGC 1399
|||||
Db 3 CGACCACTTACCAGC 19

RESULT 740

US-10-665-951-1545

Sequence 1545, Application US/10665951

Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: Payco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MEHD02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1545

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
US-10-665-951-1545

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAAGCTGACCTCAA 533

|||||:|:|:|

Db 1 GAGAAGCUGGUCCUCAA 17

RESULT 741

US-10-665-951-1792/c

Sequence 1792, Application US/10665951

Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

APPLICANT: Favco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MEH02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1792

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1792

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAAGCTGACCTCAA 533

|||||:|:|:|

Db 19 GAGAAGCTGGCTCTCAA 3

RESULT 742

US-10-683-990-85/c

Sequence 85, Application US/10683990

Publication No. US20040198682A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: Usman, Nassim

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/134 (02-742-H)

CURRENT APPLICATION NUMBER: US/10/683,990

CURRENT FILING DATE: 2003-10-10

PRIOR APPLICATION NUMBER: PCT/US03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-09-05

PRIOR APPLICATION NUMBER: US 60/409,293

PRIOR FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US 60/440,129

PRIOR FILING DATE: 2003-01-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 256

SOFTWARE: PatentIn version 3.2

SEQ ID NO 85

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense region
US-10-683-990-85

Query Match 0.8%; Score 13.8; DB 1; Length 19;

Best Local Similarity 88.2%; Pred. No. 6.2e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 298 GCACGGGGCCCACTCAG 314

|||||:|:|:|

Db 19 GCCCGGGGCCCACTCTG 3

RESULT 743

US-10-683-990-182

Sequence 182, Application US/10683990

Publication No. US20040198682A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics

APPLICANT: McSwiggen, James

APPLICANT: Usman, Nassim

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/134 (02-742-H)

CURRENT APPLICATION NUMBER: US/10/683,990

CURRENT FILING DATE: 2003-10-10

PRIOR APPLICATION NUMBER: PCT/US03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/359,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 182
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-693-990-182

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 6.2e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

298 GCACGGGGCCCACTCAG 314
|||||||
1 GCCCGGGGCCACUCUG 17

SULT 744
-09-923-517-9
Sequence 9, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-923-517-9

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCCTCAGCGCCGCC 569
|||||||
Db 2 GCCCCTCAGCGCCGCC 18

RESULT 745
US-09-782-516-1/c
; Sequence 1, Application US/09782516
; Patent No. US20020072095A1
GENERAL INFORMATION:
APPLICANT: Hartley, James L.
APPLICANT: Berninger, Mark
TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplification
FILE REFERENCE: 0942.114000B
CURRENT APPLICATION NUMBER: US/09/782,516
CURRENT FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: US 09/344,491
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: US 08/962,701
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: US 08/221,465
PRIOR FILING DATE: 1994-04-01
PRIOR APPLICATION NUMBER: US 08/079,835
PRIOR FILING DATE: 1993-06-22
PRIOR APPLICATION NUMBER: US 07/728,874
PRIOR FILING DATE: 1991-07-12
PRIOR APPLICATION NUMBER: US 07/633,389
PRIOR FILING DATE: 1990-12-31
PRIOR APPLICATION NUMBER: US 07/401,840
PRIOR FILING DATE: 1989-09-01
PRIOR APPLICATION NUMBER: US 07/360,120
PRIOR FILING DATE: 1989-06-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Primer
US-09-782-516-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACAACTACC 1324
|||||||
Db 17 CAAGACATACATCGACC 1

RESULT 746
US-09-782-516-3/c
; Sequence 3, Application US/09782516
; Patent No. US20020072095A1
GENERAL INFORMATION:
APPLICANT: Hartley, James L.
APPLICANT: Berninger, Mark

```
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplifica
; TITLE OF INVENTION: Reactions
; FILE REFERENCE: 0942.114000B
; CURRENT APPLICATION NUMBER: US/09/782,516
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Primer
US-09-782-516-3

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACATCACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 747
US-09-939-581A-12/c
; Sequence 12, Application US/09939581A
; Patent No. US20020102245A1
; GENERAL INFORMATION:
; APPLICANT: Hermeking, Heiko
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth
; TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
; FILE REFERENCE: 1107.77810
; CURRENT APPLICATION NUMBER: US/09/939,581A
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/210,748
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER
US-09-939-581A-12

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGCAACAAG 859
Db 18 TGAGTACCGGAGAAG 2

RESULT 748
US-09-791-243-66

; Sequence 66, Application US/09791243
; Patent No. US20020147164A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
; FILE REFERENCE: RTS-0095
; CURRENT APPLICATION NUMBER: US/09/791,243
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-243-66

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 733 GCACCTGCGACCGCAT 749
Db 4 GCGCCCTGCGACCGCCT 20

RESULT 749
US-09-791-942-77
; Sequence 77, Application US/09791942
; Patent No. US20020147166A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-77

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCAGCGCAGCCAGCT 1587
Db 4 ACTCTGCGCGCCATCT 20

RESULT 750
US-09-898-361-71/c
; Sequence 71, Application US/09898361
; Publication No. US20030008732A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
```



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Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1202 CCCCTTTCCGGGCTCC 1218
Db 19 CCACTTCTCGGCTCC 3

RESULT 755
US-09-976-800-47
; Sequence 47, Application US/09976800
; Publication No. US2003007795A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF CLOSTRIDIUM
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/09/976,800
; CURRENT FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-976-800-47

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGGCTCAAG 1026
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 756
US-09-776-479-1019
; Sequence 1019, Application US/09776479
; Publication No. US2003008784A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTGC 1563
Db 1 GCCTTCGATCTTCGTTG 17
```

```
RESULT 757
US-09-776-479-1019
; Sequence 1019, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTGC 1563
Db 1 GCCTTCGATCTTCGTTG 17
```

```
RESULT 758
US-09-953-047-68
; Sequence 68, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-68
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 977 GAGACCTCAAGCCCCAG 993
Db 2 GAGACCCCAAGCCCTG 18
```

```
NULT 759
-09-149-310-2/c
Sequence 2, Application US/09149310
Publication No. US20040088750A1
GENERAL INFORMATION:
APPLICANT: VAN OOLJEN, ALBERT J.J.
APPLICANT: RIETVELD, KRJUN
APPLICANT: QUAX, WILHELMUS J.
APPLICANT: PEN, JAN
APPLICANT: HOEKEMA, ANDREAS
APPLICANT: SIJMONS, PETER C.
APPLICANT: VERMOERD, TEUNIS C.
TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR USE
FILE REFERENCE: 26192-20011.24
CURRENT APPLICATION NUMBER: US/09/149,310
CURRENT FILING DATE: 1998-02-02
EARLIER APPLICATION NUMBER: 08/626,554
EARLIER FILING DATE: 1996-04-02
EARLIER APPLICATION NUMBER: 08/146,422
EARLIER FILING DATE: 1993-11-02
EARLIER APPLICATION NUMBER: 07/756,994
EARLIER FILING DATE: 1991-09-11
EARLIER APPLICATION NUMBER: 07/498,561
EARLIER FILING DATE: 1990-03-23
EARLIER APPLICATION NUMBER: EP 91200688.9
EARLIER FILING DATE: 1991-03-25
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
-09-149-310-2
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

115 CCGATCGCCGATGTCG 131
|||||
20 CAGATCTCCGATGTCG 4

SULT 760
-10-057-550-83/c
Sequence 83, Application US/10057550
Publication No. US20030032607A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/057,550
CURRENT FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: 09/506,073
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: US 09/143,214
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: PCT/US98/13961
PRIOR FILING DATE: 1998-07-06
PRIOR APPLICATION NUMBER: US 08/888,982
PRIOR FILING DATE: 1997-07-07
PRIOR APPLICATION NUMBER: US 08/756,806
PRIOR FILING DATE: 1996-11-26
PRIOR APPLICATION NUMBER: PCT/US95/07111
PRIOR FILING DATE: 1995-05-31
PRIOR APPLICATION NUMBER: US 08/250,856
PRIOR FILING DATE: 1994-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 83
LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-83
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1152 TGACATGTGGGCTGTGG 1168
|||||
Db 17 TGACATGTGTGGTGTGG 1

RESULT 761
US-10-138-838-47
; Sequence 47, Application US/10138838
; Publication No. US20030049822A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,838
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-838-47
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1010 AGAGGGCAGAGCTCAAG 1026
|||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 762
US-10-139-031-47
; Sequence 47, Application US/10139031
; Publication No. US20030049822A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
```



```
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF C
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/139,031
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-031-47

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
      ||||| || |||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 763
US-10-112-653-972
; Sequence 972, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-972

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTGTCG 1563
      ||||| |||||
Db 1 GCCTTCGATCTTCGTG 17

RESULT 764
US-10-017-995-1019
; Sequence 1019, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
```

```
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-1019
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTGTCG 1563
      ||||| |||||
Db 1 GCCTTCGATCTTCGTG 17
```

```
RESULT 765
US-10-138-905-47
; Sequence 47, Application US/10138905
; Publication No. US20030068800A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF C
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,905
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-905-47
```

```
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
      ||||| |||||
Db 2 AGAGGGCAGGGCTCAAG 18
```

```
RESULT 766
US-10-138-916-47
; Sequence 47, Application US/10138916
; Publication No. US20030073220A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
```

APPLICANT: Brenner, Alfred A.
APPLICANT: Tang, Maria
APPLICANT: Loper, John C.
APPLICANT: Gleeson, Martin
TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE
TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF CYTOCHROME P450
TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
FILE REFERENCE: 1010-16
CURRENT APPLICATION NUMBER: US/10/138,916
CURRENT FILING DATE: 2002-05-03
PRIOR FILING DATE: 09/976,800
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 09/302,602
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 118
SOFTWARE: PatentIn version 3.1
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-138-916-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1010 AGAGGGGAGAGCTCAAG 1026
|||||
2 AGAGGGCAGGCTCAAG 18

RESULT 767

-10-244-401A-1/c

Sequence 1, Application US/10244401A

Publication No. US2003007637A1

GENERAL INFORMATION:

APPLICANT: Hartley, James L.

APPLICANT: Berninger, Mark

TITLE OF INVENTION: Process for Controlling Contamination of

TITLE OF INVENTION: Nucleic Acid Amplification Reactions

FILE REFERENCE: 0942.114000C

CURRENT APPLICATION NUMBER: US/10/244,401A

CURRENT FILING DATE: 2002-09-17

PRIOR APPLICATION NUMBER: US 09/782,516

PRIOR FILING DATE: 2001-02-14

PRIOR APPLICATION NUMBER: US 09/344,491

PRIOR FILING DATE: 1998-06-25

PRIOR APPLICATION NUMBER: US 08/962,701

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: US 08/221,465

PRIOR FILING DATE: 1994-04-01

PRIOR APPLICATION NUMBER: US 08/079,835

PRIOR FILING DATE: 1993-06-22

PRIOR APPLICATION NUMBER: US 07/728,874

PRIOR FILING DATE: 1991-07-12

PRIOR APPLICATION NUMBER: US 07/633,389

PRIOR FILING DATE: 1990-12-31

PRIOR APPLICATION NUMBER: US 07/401,840

PRIOR FILING DATE: 1989-09-01

PRIOR APPLICATION NUMBER: US 07/360,120

PRIOR FILING DATE: 1989-06-01

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide primer

-10-244-401A-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 768

US-10-244-401A-3/c

Sequence 3, Application US/10244401A

Publication No. US2003007637A1

GENERAL INFORMATION:

APPLICANT: Hartley, James L.

APPLICANT: Berninger, Mark

TITLE OF INVENTION: Process for Controlling Contamination of

TITLE OF INVENTION: Nucleic Acid Amplification Reactions

FILE REFERENCE: 0942.114000C

CURRENT APPLICATION NUMBER: US/10/244,401A

CURRENT FILING DATE: 2002-09-17

PRIOR APPLICATION NUMBER: US 09/782,516

PRIOR FILING DATE: 2001-02-14

PRIOR APPLICATION NUMBER: US 09/344,491

PRIOR FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: US 08/962,701

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: US 08/221,465

PRIOR FILING DATE: 1994-04-01

PRIOR APPLICATION NUMBER: US 08/079,835

PRIOR FILING DATE: 1993-06-22

PRIOR APPLICATION NUMBER: US 07/728,874

PRIOR FILING DATE: 1991-07-12

PRIOR APPLICATION NUMBER: US 07/633,389

PRIOR FILING DATE: 1990-12-31

PRIOR APPLICATION NUMBER: US 07/401,840

PRIOR FILING DATE: 1989-09-01

PRIOR APPLICATION NUMBER: US 07/360,120

PRIOR FILING DATE: 1989-06-01

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn version 3.0

SEQ ID NO 3

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide primer containing deoxyuridine

US-10-244-401A-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 769

US-10-010-802-355/c

Sequence 355, Application US/10010802

Publication No. US20030078220A1

GENERAL INFORMATION:

APPLICANT: Genaisance Pharmaceuticals

APPLICANT: Chew, Anne

APPLICANT: Denton, R. Rex

APPLICANT: Duda, Amy

APPLICANT: Nandabalan, Krishnan

APPLICANT: Stephens, J. Claiborne

APPLICANT: Windemuth, Andreas

TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin

TITLE OF INVENTION: 4 Receptor Alpha Gene

FILE REFERENCE: MWH-0002US2 IL4R alpha

```
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 355
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-355

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CACAGACACCTTGTGG 697
Db 20 CACAGACCCCTTGTGG 4

RESULT 770
US-10-216-373-9
; Sequence 9, Application US/10216373
; Publication No. US20030096750A1
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J
; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203US1
; CURRENT APPLICATION NUMBER: US/10/216,373
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US/08/520,373
; PRIOR FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PRIMER
; FEATURE:
; OTHER INFORMATION: PRIMER 603
US-10-216-373-9

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCGGCGCGGCTG 1647
Db 2 CAAGCTGGCGCGGCTG 18

RESULT 771
US-10-001-076-173/c
; Sequence 173, Application US/10001076
; Publication No. US20030096775A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-72

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTCGTCGTGTCAGCCT 584
Db 1 CTCGTCATGTCATCCT 17

RESULT 773
US-10-006-430-72/c
; Sequence 72, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-72

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGGATGAGGTGCAGTC 407
Db 20 TCAGATGAGGTGCAGGC 4

RESULT 772
US-10-007-078-29
; Sequence 29, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-29

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGGATGAGGTGCAGTC 407
Db 20 TCAGATGAGGTGCAGGC 4
```

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1700 ACTCTGCTGCTGCTGC 1716
|||||
17 ACTCTGCTGCTGCTGC 1

SULT 774
-10-325-881-21/c
Sequence 21, Application US/10325881
Publication No. US20030119047A1
GENERAL INFORMATION:
APPLICANT: YOSHIKAWA, YOSHIE
APPLICANT: MURAI, HIROYUKI
APPLICANT: ASADA, KIYOZO
APPLICANT: HINO, IKUNOSUGU
APPLICANT: KATO, IKUNOSHIN
TITLE OF INVENTION: CANCER-ASSOCIATED GENES
FILE REFERENCE: 1422-388P
CURRENT APPLICATION NUMBER: US/10/325,881
CURRENT FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US/09/377,497
PRIOR FILING DATE: 1999-08-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin ver. 2.0
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: any n or Xaa = unknown
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
-10-325-881-21

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1055 AGTCAATCCCAACAAG 1071
|||||
17 AGTCAATCCCAACAAG 1

SULT 775
-10-059-579-42/c
Sequence 42, Application US/10059579
Publication No. US20030138783A1
GENERAL INFORMATION:
APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: SUKUMAR, Saraswati
APPLICANT: EVRON, Ella
APPLICANT: DOOLEY, William C.
APPLICANT: DAVIDSON, Nancy
APPLICANT: FACKLER, Mary Jo.
TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
FILE REFERENCE: JHUI630-1
CURRENT APPLICATION NUMBER: US/10/059,579
CURRENT FILING DATE: 2003-02-03
PRIOR APPLICATION NUMBER: US 09/771,357
PRIOR FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 136
SOFTWARE: Patentin version 3.1
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
-10-059-579-42

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

843 TGAGTACTGCAAGG 859
|||||
18 TGAGTACCGGGAAGG 2

Db

RESULT 776
US-10-299-886-12
; Sequence 12, Application US/10299886
; Publication No. US20030139366A1
; GENERAL INFORMATION:
; APPLICANT: Roberts, Anita B.
; APPLICANT: Ashcroft, Gilian S.
; APPLICANT: Russo, Angelo
; APPLICANT: Mitchell, James B.
; TITLE OF INVENTION: Inhibition of Smad3 to Prevent Fibrosis
; TITLE OF INVENTION: and Improve Wound Healing
; FILE REFERENCE: NIH93.001C1
; CURRENT APPLICATION NUMBER: US/10/299,886
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: PCT/US00/13725
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-299-886-12

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1093 ACACCTGTGTACCGGCC 1109
|||||
1 ACACCTGTGTACCGGCC 17

Db

RESULT 777
US-10-371-474-34/c
; Sequence 34, Application US/10371474
; Publication No. US2003014242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-34

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

150 GCAGCTGTCAATGACAC 166

QY

```
[b      18 GCAGTTGTCAGGACAC 2
||||| ||||| ||||| |||||
RESULT 778
US-10-139-296-47
; Sequence 47, Application US/10139296
; Publication No. US20030148486A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/139,296
; PRIOR FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-296-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1010 AGAGGGGAGAGCTCAAG 1026
      ||||| ||||| ||||| |||||
Db      2 AGAGGGCAGGGCTCAAG 18

RESULT 779
US-10-139-218-47
; Sequence 47, Application US/10139218
; Publication No. US20030153060A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/139,218
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-218-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1010 AGAGGGGAGAGCTCAAG 1026
      ||||| ||||| ||||| |||||
Db      2 AGAGGGCAGGGCTCAAG 18

RESULT 781
US-10-032-189-171/c
; Sequence 171, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shimkets, Richard A
; APPLICANT: Grosse, William M
; APPLICANT: Szekeres, Edward S
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie J
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Gorman, Linda
; APPLICANT: Gangolli, Esha A
```

```
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-218-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1010 AGAGGGGAGAGCTCAAG 1026
      ||||| ||||| ||||| |||||
Db      2 AGAGGGCAGGGCTCAAG 18

RESULT 780
US-10-169-983-38
; Sequence 38, Application US/10169983
; Publication No. US20030158250A1
; GENERAL INFORMATION:
; APPLICANT: Takara Shuzo Co., Ltd.
; TITLE OF INVENTION: Therapeutic agents
; FILE REFERENCE: 01-011-PCT
; CURRENT APPLICATION NUMBER: US/10/169,983
; CURRENT FILING DATE: 2002-07-14
; PRIOR APPLICATION NUMBER: JP 2000-4989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: JP 2000-303711
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 61
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed primer based on nucleotide sequence of
; OTHER INFORMATION: human GABA(A) receptor-associated protein mRNA.
US-10-169-983-38

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      917 TGTTCCTGTTCCAGCTG 933
      ||||| ||||| ||||| |||||
Db      4 TGTTCCTGGTACAGCTG 20

RESULT 781
US-10-032-189-171/c
; Sequence 171, Application US/10032189
; Publication No. US20030170630A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook II, John P
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Patturajan, Meera
; APPLICANT: Grosse, William M
; APPLICANT: Lepley, Denise M
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shimkets, Richard A
; APPLICANT: Grosse, William M
; APPLICANT: Szekeres, Edward S
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie J
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Gorman, Linda
; APPLICANT: Gangolli, Esha A
```

APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/277,826
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/279,840
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/282,981
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/283,656
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/309,247
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/311,754
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,331
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 260
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 171
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag2597 Reverse
OTHER INFORMATION: Primer
-10-032-189-171
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1240 TTCATCTTCGGTATCTT 1256
|||||
18 TTCATCTTCGGCATTTT 2
RESULT 782
Sequence 217, Application US/10289757
Publication No. US20030180751A1
GENERAL INFORMATION:
APPLICANT: Demmer, Jeron
APPLICANT: Forster, Richard L
APPLICANT: Gibson, John Bryan
APPLICANT: Shenk, Michael Andrew
APPLICANT: No. US20030180751A1riss, Geoffrey
APPLICANT: Glenn, Matthew
APPLICANT: Saulsbury, Keith Martin
APPLICANT: Hall, Claire
TITLE OF INVENTION: Compositions isolated from forage
FILE REFERENCE: 11000.1061U
CURRENT APPLICATION NUMBER: US/10/289,757
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/337,703
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 218
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 217
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Made in the lab
US-10-289-757-217
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 851 TGGACAGGACCTGAAG 867
|||||
Db 2 TGGACATGGACCAAG 18
RESULT 783
US-10-032-585-5188
Sequence 5188, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5188
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5188
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1717 CTGAGCCATGTTCACCT 1733
|||||
Db 4 CTGAGCCATGTTCACCT 20
RESULT 784
US-10-032-585-5598
Sequence 5598, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patentin version 3.1
SEQ ID NO 5598
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5598
Query Match 0.8%; Score 13.8; DB 1; Length 20;

APPLICANT: Fernandes, Elma R
APPLICANT: Rieger, Daniel K
APPLICANT: Edinger, Shlomit R
APPLICANT: Gunther, Erik
APPLICANT: Millet, Isabelle
APPLICANT: Sciore, Paul
APPLICANT: Ellerman, Karen
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-228
CURRENT APPLICATION NUMBER: US/10/032,189
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/257,495
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 60/258,171
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 60/269,940
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/274,192
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/277,826
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 60/279,840
PRIOR FILING DATE: 2001-03-29
PRIOR APPLICATION NUMBER: 60/282,981
PRIOR FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/283,656
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 60/309,247
PRIOR FILING DATE: 2001-07-31
PRIOR APPLICATION NUMBER: 60/311,754
PRIOR FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: 60/313,331
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 260
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 171
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag2597 Reverse
OTHER INFORMATION: Primer
-10-032-189-171
Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
1240 TTCATCTTCGGTATCTT 1256
|||||
18 TTCATCTTCGGCATTTT 2
RESULT 782
Sequence 217, Application US/10289757
Publication No. US20030180751A1
GENERAL INFORMATION:
APPLICANT: Demmer, Jeron
APPLICANT: Forster, Richard L
APPLICANT: Gibson, John Bryan
APPLICANT: Shenk, Michael Andrew
APPLICANT: No. US20030180751A1riss, Geoffrey
APPLICANT: Glenn, Matthew
APPLICANT: Saulsbury, Keith Martin
APPLICANT: Hall, Claire
TITLE OF INVENTION: Compositions isolated from forage
FILE REFERENCE: 11000.1061U
CURRENT APPLICATION NUMBER: US/10/289,757
CURRENT FILING DATE: 2002-11-07

```
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1335 AGCGAGGCGCCTTTTGA 1351
    ||||| ||||| ||
CP 1 AGCGGATGCGCCTTTGGA 17

RESULT 785
US-10-331-907-357/c
; Sequence 357, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hesse, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Merriman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 357:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 357:

US-10-331-907-357

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATCAACA 1451
    ||||| ||||| ||
CP 20 GAGGAGGCCATCAACA 4
```

```
RESULT 786
US-10-405-660-47
; Sequence 47, Application US/10405660
; Publication No. US20030186411A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Erich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF CYTOCHROME P450
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/405,660
; PRIOR FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: US/09/976,800
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-405-660-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGGCTCAAG 1026
    ||||| ||||| |||||
DB 2 AGAGGGGAGGCTCAAG 18

RESULT 787
US-10-430-196-9
; Sequence 9, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430,196
; FILING DATE: 05-May-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517A
; FILING DATE: 07-Aug-2001
```

10017621-3sl.rnpb

Thu Nov 2 13:39:14 2004

APPLICATION NUMBER: 09/364,416
 FILING DATE: 1999-07-30
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0209
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 810-1515
 TELEFAX: (609) 810-1454
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 SEQUENCE DESCRIPTION: SEQ ID NO: 9:
 -10-430-196--9

Query Match 0.8%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

552 GCCCTCAGCGCCGCC 568
 |||||
 2 GCCCTCAGCGCCGAC 18

RESULT 788
 -10-181-874-21
 Sequence 21, Application US/10181874
 Publication No. US20030212026A1
 GENERAL INFORMATION:
 APPLICANT: Isis Pharmaceuticals, Inc.
 APPLICANT: Susan Murray
 APPLICANT: Lex M. Cowsett
 APPLICANT: Jacqueline Wyatt
 TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
 FILE REFERENCE: RTSP-0351
 CURRENT APPLICATION NUMBER: US/10/181,874
 CURRENT FILING DATE: 2002-07-22
 PRIOR APPLICATION NUMBER: 09/489,869
 PRIOR FILING DATE: 2000-01-20
 NUMBER OF SEQ ID NOS: 88
 SEQ ID NO 21
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 -10-181-874-21

Query Match 0.8%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

39 GCGAGGAGGAGGAGGAG 55
 |||||
 2 GCGAGGAGGAGGAGGAG 18

RESULT 789
 -10-314-578-1019
 Sequence 1019, Application US/10314578
 Publication No. US20030212026A1
 GENERAL INFORMATION:
 APPLICANT: Krieg, Arthur M.
 APPLICANT: Schetter, Christian
 APPLICANT: Vollmer, Jörg
 TITLE OF INVENTION: Immunostimulatory Nucleic Acids
 FILE REFERENCE: C1039/7035 (HCl/MAT)
 CURRENT APPLICATION NUMBER: US/10/314,578
 CURRENT FILING DATE: 2002-12-09

PRIOR APPLICATION NUMBER: US 60/156,113
 PRIOR FILING DATE: 1999-09-25
 PRIOR APPLICATION NUMBER: US 60/156,135
 PRIOR FILING DATE: 1999-09-27
 PRIOR APPLICATION NUMBER: US 60/227,436
 PRIOR FILING DATE: 2000-08-23
 NUMBER OF SEQ ID NOS: 1145
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 1019
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic Sequence
 US-10-314-578-1019

Query Match 0.8%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTCG 1563
 |||||
 Db 1 GCCTTCGATCTTCGTCG 17

RESULT 790
 US-10-138-898-47
 Sequence 47, Application US/10138898
 Publication No. US20030212946A1
 GENERAL INFORMATION:
 APPLICANT: Wilson, Ron C.
 APPLICANT: Craft, David L.
 APPLICANT: Erich, Dudley
 APPLICANT: Eskoo, Mark
 APPLICANT: Madduri, Krishna M.
 APPLICANT: Cornett, Cathy A.
 APPLICANT: Brenner, Alfred A.
 APPLICANT: Tang, Maria
 APPLICANT: Loper, John C.
 APPLICANT: Gleeson, Martin
 TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
 TITLE OF INVENTION: P450 OXIDOREDUCTASE
 TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
 TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
 FILE REFERENCE: 1010-16
 CURRENT APPLICATION NUMBER: US/10/138,898
 CURRENT FILING DATE: 2002-05-03
 PRIOR APPLICATION NUMBER: US/09/976,800
 PRIOR FILING DATE: 2001-10-12
 NUMBER OF SEQ ID NOS: 118
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 47
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Primer
 US-10-138-898-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGGAGCTCAAG 1026
 |||||
 Db 2 AGAGGGGAGGAGCTCAAG 18

RESULT 791
 US-10-159-942-66
 Sequence 66, Application US/10159942
 Publication No. US20030224512A1
 GENERAL INFORMATION:


```

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-66

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      873 CCTGGATGACTGTGGGA 889
      |||||||
Db      4 CGTGGATGACTGTGAGA 20

RESULT 792
US-10-159-942-122/c
; Sequence 122, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-122

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      873 CCTGGATGACTGTGGGA 889
      |||||||
Db      17 CGTGGATGACTGTGAGA 1

RESULT 793
US-10-161-996-44
; Sequence 44, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-44

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      873 CCTGGATGACTGTGGGA 889
      |||||||
Db      17 CGTGGATGACTGTGAGA 1

RESULT 794
US-10-161-996-105/c
; Sequence 105, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-105

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1729 CACCTGCCCACTGTGTC 1745
      |||||||
Db      17 CACCTGCACCCCTGTGTC 1

RESULT 795
US-10-161-996-112/c
; Sequence 112, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-112

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      240 TGGCGGCAGTGACCCCTG 256
      |||||||
Db      20 TGGTGCAGTGACTCTG 4

RESULT 796
US-10-161-996-181/c
; Sequence 181, Application US/10161996
```

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Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      505 GAGGGCTACCTGGAGAA 521
      |||||||
Db      2 GAGGGCTTCCTGCAGAA 18

RESULT 794
US-10-161-996-105/c
; Sequence 105, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-105

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1729 CACCTGCCCACTGTGTC 1745
      |||||||
Db      17 CACCTGCACCCCTGTGTC 1

RESULT 795
US-10-161-996-112/c
; Sequence 112, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-112

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      240 TGGCGGCAGTGACCCCTG 256
      |||||||
Db      20 TGGTGCAGTGACTCTG 4

RESULT 796
US-10-161-996-181/c
; Sequence 181, Application US/10161996
```

Publication No. US20030224515A1

GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT FILING DATE: 2002-06-04
CURRENT APPLICATION NUMBER: US/10/161,996
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 181
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-161-996-181

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

505 GAGGGCTACCTGGAGAA 521
||||| ||||| |||||
19 GAGGGCTTCTGCAGAA 3

SULT 797

-10-161-996-229
Sequence 229, Application US/10161996
Publication No. US20030224515A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT FILING DATE: 2002-06-04
CURRENT APPLICATION NUMBER: US/10/161,996
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 229
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
-10-161-996-229

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1729 CACCTGCCCACTGTCC 1745
||||| ||||| |||||
4 CACCTGCACCCCTGTCC 20

RESULT 798

-10-161-996-236
Sequence 236, Application US/10161996
Publication No. US20030224515A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT FILING DATE: 2002-06-04
CURRENT APPLICATION NUMBER: US/10/161,996
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 236
LENGTH: 20

Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 136
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-787-136

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1525 ATTGAGTCAAAAGGA 1541
||||| ||||| |||||
DB 1 ATTCAGTTGCAAAAGGA 17

RESULT 802
US-10-173-718-41/c
Sequence 41, Application US/10173718
Publication No. US20030232437A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
FILE REFERENCE: PTS-0036
CURRENT APPLICATION NUMBER: US/10/173,718
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 125
SEQ ID NO 41
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-41

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1564 ATGCCTGACTCAGGCAG 1580
||||| ||||| |||||
DB 20 ATGCCTGGCTCAGGAAG 4

RESULT 803
US-10-178-258-15/c
Sequence 15, Application US/10178258
Publication No. US20030235913A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
FILE REFERENCE: HTS-0010
CURRENT APPLICATION NUMBER: US/10/178,258
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 66
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-178-258-15

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 861 CCTGAAGCAGTACCTGG 877
||||| ||||| |||||
DB 20 CCTGGAGCAGGACCTGG 4

RESULT 804
US-10-277-216-94
Sequence 94, Application US/10277216
Publication No. US20040002470A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4051
CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-94

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCATCTTTGACAAGCC 554
||||| ||||| |||||
DB 2 CCCTTCTGTGACAAGCC 18

RESULT 805
US-10-277-216-154/c
Sequence 154, Application US/10277216
Publication No. US20040002470A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4051
CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 154
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-154

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;

SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-16

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 210 GCAGATAGGCGCTGATG 226
||||| |||||||||
DB 1 GCAGATGCGCTGGATG 17

RESULT 811
US-10-177-896-51/c
; Sequence 51, Application US/10177896
; Publication No. US20040005705A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
; FILE REFERENCE: PTS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-896-51

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 210 GCAGATAGGCGCTGATG 226
||||| |||||||||
DB 20 GCAGATGCGCTGGATG 4

RESULT 812
US-10-190-366-100
; Sequence 100, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-100

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 465 CAACAAGCGCCTATCAC 481
||||| |||||||||
DB 3 CAACAAGCTCCCATCAC 19

RESULT 813
US-10-190-366-297/c
; Sequence 297, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-190-366-297

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 465 CAACAAGCGCCTATCAC 481
||||| |||||||||
DB 18 CAACAAGCTCCCATCAC 2

RESULT 814
US-10-289-762-1337
; Sequence 1337, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1337

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1468 CTGGGGGCGCGATCCA 1484
||||| |||||||||
DB 4 CTGGAGAGCGGATCCA 20

RESULT 815
US-10-199-48/c
; Sequence 48, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RFS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 48
; LENGTH: 20

```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-199-199-48
    Query Match      0.8%; Score 13.8; DB 1; Length 20;
    Best Local Similarity 88.2%; Pred. No. 6.6e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

    760 TCCCTGCTCAAGGACCT 776
    ||||| ||||| ||||| |||||
    17 TCCAGCGCAAGGACCT 1

SULT 816
-10-199-199-119
Sequence 119, Application US/10199199
Publication No. US20040014047A
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0375
CURRENT APPLICATION NUMBER: US/10/199,199
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 119
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-199-199-119
    Query Match      0.8%; Score 13.8; DB 1; Length 20;
    Best Local Similarity 88.2%; Pred. No. 6.6e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

    760 TCCCTGCTCAAGGACCT 776
    ||||| ||||| ||||| |||||
    4 TCCAGCGCAAGGACCT 20

SULT 817
-10-199-221-29
Sequence 29, Application US/10199221
Publication No. US20040014048A
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-199-221-29
    Query Match      0.8%; Score 13.8; DB 1; Length 20;
    Best Local Similarity 88.2%; Pred. No. 6.6e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

    445 AAGATCTCCACTGAGGA 461
    ||||| ||||| ||||| |||||
    1 AAGATCTCCACTGGAA 17
```

```
RESULT 818
US-10-458-939-23
; Sequence 23, Application US/10458939
; Publication No. US20040018535A1
; GENERAL INFORMATION:
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Fogel, Gary B.
; APPLICANT: Porto, V. William
; APPLICANT: Griffey, Richard H.
; APPLICANT: Ecker, David J.
; TITLE OF INVENTION: Detection of RNA Structural Elements
; FILE REFERENCE: IBIS0005-100/IBIS-0418US
; CURRENT APPLICATION NUMBER: US/10/458,939
; CURRENT FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: US 60/387,342
; PRIOR FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-458-939-23
    Query Match      0.8%; Score 13.8; DB 1; Length 20;
    Best Local Similarity 88.2%; Pred. No. 6.6e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

    QY 1223 TGGAGGAACAGCTACAC 1239
    ||||| ||||| ||||| |||||
    DB 2 TGGAGGAGCAGCTCCAC 18

RESULT 819
US-10-126-022-94
; Sequence 94, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-94
    Query Match      0.8%; Score 13.8; DB 1; Length 20;
    Best Local Similarity 88.2%; Pred. No. 6.6e+02;
    Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

    QY 538 CCCATCTTTGACAAAGCC 554
    ||||| ||||| ||||| |||||
    DB 2 CCCTTCTGTGACAAAGCC 18

RESULT 820
US-10-126-022-154/c
; Sequence 154, Application US/10126022
; Publication No. US20040023215A1
```

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; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-154

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAAAGCC 554
DB 19 CCCTCTGTGACAAAGCC 3

RESULT 821
US-10-642-802-173/c
; Sequence 173, Application US/10642802
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-173

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGATGAGGTGCAGTC 407
DB 20 TCAGATGAGGTGCAGGC 4

RESULT 822
US-10-333-429-555/c
; Sequence 555, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28

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; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 9-24 for SEQ 533,
US-10-333-429-555

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1417 CGAAATCGGATCTCCGC 1433
DB 20 CGAAATAGGATCTCAGC 4

RESULT 823
US-10-467-019-35/c
; Sequence 35, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1e1 Physioloical Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, RBV8-WR2 primer
US-10-467-019-35

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 CTGAGCAGTACCTGGA 878
DB 19 CTGAGCAGGAGCTGGA 3

RESULT 824
US-10-630-401-68
; Sequence 68, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

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-10-630-401-68
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

977 GAGACCTCAGCCCGCAG 993
||||| |||||||
2 GAGACCCGACGCCCTG 18

SULT 825
-10-168-273B-11/c
Sequence 11, Application US/10168273B
Publication No. US20040058324A1
GENERAL INFORMATION:
APPLICANT: Yano, Masahiro
APPLICANT: Yamanouchi, Utako
TITLE OF INVENTION: PLANT LESION FORMATION SUPPRESSING GENE, Sp17 AND USE THEREOF
FILE REFERENCE: 23572-005 NATL
CURRENT APPLICATION NUMBER: US/10/168,273B
CURRENT FILING DATE: 2003-03-27
PRIOR APPLICATION NUMBER: PCT/JP01/09153
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: JP 2000-318557
PRIOR FILING DATE: 2000-10-18
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: an artificially
OTHER INFORMATION: synthesized primer sequence
-10-168-273B-11

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

379 TCAGCCACGCTCCTCGGA 395
||||| |||||||
20 TCAGCCACGCCCGCA 4

SULT 826
-10-287-971-318/c
Sequence 318, Application US/10287971
Publication No. US20040067882A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, et al
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
CURRENT APPLICATION NUMBER: US/10/287,971
CURRENT FILING DATE: 2002-11-05
PRIOR APPLICATION NUMBER: 09/997,425
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: 10/035,568
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 60/338,626
PRIOR FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: 60/401,479
PRIOR FILING DATE: 2002-08-06
PRIOR APPLICATION NUMBER: 60/333,072
PRIOR FILING DATE: 2001-11-06
PRIOR APPLICATION NUMBER: 60/348,283
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: 60/393,262
PRIOR FILING DATE: 2002-07-02
PRIOR APPLICATION NUMBER: 60/406,181
PRIOR FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 397

; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-318

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1240 TTCACTCTCCGTCATCTT 1256
||||| |||||||
DB 18 TTCACTCTCCGTCATTT 2

RESULT 827
US-10-280-183A-465
; Sequence 465, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS
; FILE REFERENCE: PCI8306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 465
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-465

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 360 TCGGAGAGTGTACACGAG 376
||||| |||||||
DB 1 TCGGAGACAGTTACACGAG 17

RESULT 828
US-10-292-312-42
; Sequence 42, Application US/10292312
; Publication No. US20040092461A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 1B EXPRESSION
; FILE REFERENCE: RIS-0394
; CURRENT APPLICATION NUMBER: US/10/292,312
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 58
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
```



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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-312-42

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 358 GATGGGAGAGTGACCA 374
Db 1 GATGGGACAGTGACCA 17

RESULT 829
US-10-362-504-67/c
; Sequence 67, Application US/10362504
; Publication No. US20040101956A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its Use
; FILE REFERENCE: 2775 USOP
; CURRENT APPLICATION NUMBER: US/10/362,504
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/JP01/07209
; PRIOR FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: JP 2000-253862
; PRIOR FILING DATE: 2000-08-24
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-362-504-67

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACTGGA 878
Db 19 CTGAAGCAGAGCTGGA 3

RESULT 830
US-10-301-832-86/c
; Sequence 86, Application US/10301832
; Publication No. US20040102390A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH3 EXPRESSION
; FILE REFERENCE: RTS-0414
; CURRENT APPLICATION NUMBER: US/10/301,832
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 155
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-301-832-86

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 357 TGATGGGGAGAGTGACC 373
Db 17 TGATCGGGTGAGTGACC 1

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-688-706-158/c
; Sequence 158, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brochdat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-158

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAAA 147
Db 17 GGATGAAGAAGTTCACA 1

RESULT 832
US-10-688-706-217/c
; Sequence 217, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brochdat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 217
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-217

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAAA 147
Db 18 GGATGAAGAAGTTCACA 2

RESULT 833
US-10-317-271A-82/c
; Sequence 82, Application US/10317271A
; Publication No. US20040110156A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NRF EXPRESSION
```

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FILE REFERENCE: RTS-0456
CURRENT APPLICATION NUMBER: US/10/317,271A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 160
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-271A-82

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1166 TGGGCTGCATCTTCTAT 1182
|||||
20 TGGGCTGCAGCTTCCAT 4

SULT 834
-10-317-253-43/c
Sequence 43, Application US/10317253
Publication No. US20040110291A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF ADIPOPHILIN EXPRESSION
FILE REFERENCE: RTS-0049
CURRENT APPLICATION NUMBER: US/10/317,253
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 43
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-253-43

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

187 GACAGACCAAGTGTGC 203
|||||
20 GACAGACCAAGGGGC 4

SULT 835
-10-415-463-77
Sequence 77, Application US/10415463
Publication No. US20040110705A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
FILE REFERENCE: RTSP-0198
CURRENT APPLICATION NUMBER: US/10/415,463
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: 09/702,251
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-415-463-77

Query Match          0.8%; Score 13.8; DB 1; Length 20;

FILE REFERENCE: RTS-0456
CURRENT APPLICATION NUMBER: US/10/317,271A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 160
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-271A-82

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1571 ACTCAGGCAGCCAGCT 1587
|||||
4 ACTCTGGCAGGCCATCT 20

Db

RESULT 836
US-10-317-500-120/c
; Sequence 120, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-120

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

599 TTGGGAAACTGGAGACC 615
|||||
17 TTGGGAAACTGCAGACC 1

Db

RESULT 837
US-10-317-500-236
; Sequence 236, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-236

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

599 TTGGGAAACTGGAGACC 615
|||||
4 TTGGGAAACTGCAGACC 20

Db

RESULT 838
US-10-317-803-106/c
; Sequence 106, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; OTHER INFORMATION:
; APPLICANT: Kathleen Myers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
```

FILE REFERENCE: RTS-0454
CURRENT APPLICATION NUMBER: US/10/317,803
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 244
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-106

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 817 ACGGAGAGTCCCTCAGC 833
|||||
Db 19 ACGGAGAGGCTCTCAGC 3

RESULT 839
US-10-774-888-29
Sequence 29, Application US/10774888
Publication No. US20040127451A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PUS-0009
CURRENT APPLICATION NUMBER: US/10/774,888
CURRENT FILING DATE: 2004-02-09
PRIOR APPLICATION NUMBER: US/10/199,221
PRIOR FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-29

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 445 AAGATCTCCACTGAGGA 461
|||||
Db 1 AAGATCTCCACTGGAA 17

RESULT 840
US-10-671-395-977/c
Sequence 977, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 977
LENGTH: 20
TYPE: DNA
ORGANISM: artificial

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-977

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATGAACA 1451
|||||
Db 19 GAGGATGCCCTGAGACA 3

RESULT 841
US-10-671-395-1120/c
Sequence 1120, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1120
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1120

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATGAACA 1451
|||||
Db 20 GAGGATGCCCTGAGACA 4

RESULT 842
US-10-181-174B-40/c
Sequence 40, Application US/10181174B
Publication No. US20040132674A1
GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, RALF
APPLICANT: BROSE, MATTHIAS
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF
FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: P 100 10 188.7
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 40
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: primer

```
-10-181-174B-40
Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 6.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

986 AGCCCCAGAACCTGCTC 1002
|||||
17 AGCCCCAGAACCCGCAC 1

RESULT 843
US-09-995-686-1
; Sequence 1, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 475412008400
; CURRENT APPLICATION NUMBER: US/09/995,686
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US/09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Hairpin probe
US-09-995-686-1

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

767 TCAGAGACCTCAACACGC 785
|||||
21 TCAGAGATGTAAACACGC 3

RESULT 844
US-09-859-053-9
; Sequence 9, Application US/09859053
; Patent No. US20020102658A1
; GENERAL INFORMATION:
; APPLICANT: Tsuji, Takashi
; APPLICANT: Tezuka, Katsumari
; APPLICANT: Hori, No. US20020102658A1uaki
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST A
; TITLE OF INVENTION: COSTIMULATORY SIGNAL TRANSDUCTION MOLECULE AILIM AND
; TITLE OF INVENTION: PHARMACEUTICAL USE THEREOF
; FILE REFERENCE: 06501-079001
; CURRENT APPLICATION NUMBER: US/09/859,053
; CURRENT FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: JP 2001-99508
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: JP 2000-147116
; PRIOR FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence, 136H
; NAME/KEY: primer bind
; LOCATION: (1)...(21)
S-09-859-053-9

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 849 CCTGCACAAGGACCTGA 865
|||||
DB 1 CCTGCACAAGGCGCTTGA 17

RESULT 845
US-09-995-686-1
; Sequence 1, Application US/09995686
; Patent No. US20020110826A1
; GENERAL INFORMATION:
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 475412008400
; CURRENT APPLICATION NUMBER: US/09/995,686
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US/09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Hairpin probe
US-09-995-686-1

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
|||||
DB 4 CCGTAACTACATCTTCC 20

RESULT 846
US-09-823-634A-1
; Sequence 1, Application US/09823634A
; Patent No. US20020142308A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; TITLE OF INVENTION: MISMATCHES USING RNASE H
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-823-634A-1

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
|||||
DB 4 CCGTAACTACATCTTCC 20

RESULT 847
US-09-823-647B-1
```

```
; Sequence 1, Application US/09823647B
; Patent No. US20020142309A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Battagutta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-09-823-647B-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTC 1693
DB 4 CCGTAACATACATCTTC 20

RESULT 848
US-09-961-848-3/c
; Sequence 3, Application US/09961848
; Patent No. US20020146719A1
; GENERAL INFORMATION:
; APPLICANT: Berglind Ran Olafsdottir
; APPLICANT: Jeffrey Gulcher
; TITLE OF INVENTION: HUMAN NARCOLEPSY GENE
; FILE REFERENCE: 2345.1005-004
; CURRENT APPLICATION NUMBER: US/09/961,848
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 09/479,128
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/379,083
; PRIOR FILING DATE: 1999-08-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: nucleic acid primers based on human mRNA sequence
; US-09-961-848-3

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1480 ATCCACAACTTCTCTGA 1496
DB 17 AGCTCAAACTTCTCTGA 1

RESULT 849
US-09-764-413-10/c
; Sequence 10, Application US/09764413
; Publication No. US20020187930A1
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; APPLICANT: Power, Christine A.
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO

; Sequence 1, Application US/09823647B
; Patent No. US20020142309A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Battagutta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-09-823-647B-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTC 1693
DB 4 CCGTAACATACATCTTC 20

RESULT 850
US-09-771-357-31/c
; Sequence 31, Application US/09771357
; Publication No. US20030017454A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUDHAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William
; APPLICANT: DAVIDSON, Nancy
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630
; CURRENT APPLICATION NUMBER: US/09/771,357
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense) -

; MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 No. US20020187930A1th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/764,413
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/875,573
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-764-413-10

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 GAAGTGTCCTGCTCAA 770
DB 19 GATGTGTACTGCTCAA 3
```

-09-771-357-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

843 TGAGTACCTGGACAGG 859
|||||
19 TGAGTACGGGAGAGG 3

SULT 851

-10-120-394-10/c
Sequence 10, Application US/10120394
Publication No. US20020160015A1

GENERAL INFORMATION:

APPLICANT: Wells, Timothy N.C.
Power, Christine A.

TITLE OF INVENTION: CHEMOKINE RECEPTOR ABLE TO BIND TO

MCP-1, MIP-1 ALPHA AND/OR RANTES AND ITS USES

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHYE P.C.

STREET: 1100 NO. US20020160015A1th Glebe Rd. 8th Floor

CITY: Arlington

STATE: VA

COUNTRY: USA

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: MS Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/120,394

FILING DATE: 12-Apr-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 09/614,256

FILING DATE: 12-JUL-2000

APPLICATION NUMBER: US 08/875,573

FILING DATE: 31-OCT-1997

APPLICATION NUMBER: PCT/GB96/00143

FILING DATE: 24-JAN-1996

APPLICATION NUMBER: GB 9501683.8

FILING DATE: 27-JAN-1995

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "primer"

ANTI-SENSE: YES

SEQUENCE DESCRIPTION: SEQ ID NO: 10:

-10-120-394-10

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

754 GAAGTGTCCTGCTCAA 770
|||||
19 GATGTGTACCTGCTCAA 3

SULT 852

-10-079-136-15

Sequence 15, Application US/10079136

Publication No. US20020172685A1

GENERAL INFORMATION:

APPLICANT: Stewart, Graham

APPLICANT: O'Gaora, Peadar
APPLICANT: Young, Douglas
TITLE OF INVENTION: Methods and Compositions for Therapeutic Intervention in Infection
TITLE OF INVENTION: Disease
FILE REFERENCE: 19626-0211 (45454-270653)
CURRENT APPLICATION NUMBER: US/10/079,136
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: US 60/269,801
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: US 60/294,170
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic primer
US-10-079-136-15

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTGACT 1036
|||||
DB 3 GGTCAAGCTGGCGGACT 19

RESULT 853

US-10-238-244-1
Sequence 1, Application US/10238244
Publication No. US20030082607A1
GENERAL INFORMATION:
APPLICANT: Dattagupta, Nanibhushan
TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 47541200400
CURRENT APPLICATION NUMBER: US/10/238,244
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US/09/995,686
PRIOR FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: US/09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Hairpin probe
US-10-238-244-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCACCTACATCTTCC 1693
|||||
DB 4 CCGTAACCTACATCTTCC 20

RESULT 854

US-10-005-956-785/c
Sequence 785, Application US/10005956
Publication No. US20030113726A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956

; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 785
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-785

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
|||||
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 855

US-10-005-956-786/c
; Sequence 786, Application US/10005956
; Publication No. US20030113726A1

; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 786
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-005-956-786

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
|||||
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 856

US-10-005-956-1026/c
; Sequence 1026, Application US/10005956
; Publication No. US20030113726A1

; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02

; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1026
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1026

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
|||||
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 857

US-10-059-579-31/c
; Sequence 31, Application US/10059579
; Publication No. US20030138783A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William C.
; APPLICANT: DAVIDSON, Nancy Jo.
; APPLICANT: FACKLER, Mary Jo.
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630-1
; CURRENT APPLICATION NUMBER: US/10/059,579
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US 09/771,357
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense)
US-10-059-579-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGGACAAGG 859
|||||
Db 19 TGAGTACCTGGACAAGG 3

RESULT 858

US-10-184-085A-225/c
; Sequence 225, Application US/10184085A
; Publication No. US20030152950A1

; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 225
; LENGTH: 21
; TYPE: DNA

ORGANISM: Homo sapiens
-10-184-085A-225

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGG 242
|||||
21 GGGAGAGTGGTGGTGG 5

SULT 859
-10-189-956-18
Sequence 18, Application US/10189956
Publication No. US20030152951A1
GENERAL INFORMATION:
APPLICANT: Mirel, Daniel B
APPLICANT: Erlich, Henry A
APPLICANT: Bugawan, Teodorica L
APPLICANT: No. US20030152951A11e, Janelle A
APPLICANT: Valdes, Ana M
TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
FILE REFERENCE: 1803-295-999
CURRENT APPLICATION NUMBER: US/10/189,956
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe used to identify IL4R
OTHER INFORMATION: polymorphisms
-10-189-956-18

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1175 TCTTCTATGAGATGCC 1191
|||||
2 TCTTCTGAGATGCC 18

SULT 860
-10-189-956-45
Sequence 45, Application US/10189956
Publication No. US20030152951A1
GENERAL INFORMATION:
APPLICANT: Mirel, Daniel B
APPLICANT: Erlich, Henry A
APPLICANT: Bugawan, Teodorica L
APPLICANT: No. US20030152951A11e, Janelle A
APPLICANT: Valdes, Ana M
TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
FILE REFERENCE: 1803-295-999
CURRENT APPLICATION NUMBER: US/10/189,956
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 62
SOFTWARE: PatentIn version 3.1
SEQ ID NO 45
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: hybridization probe
-10-189-956-45

Query Match 0.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1175 TCTTCTATGAGATGCC 1191
|||||
DB 2 TCTTCTGAGATGCC 18

RESULT 861
US-10-367-470-1
; Sequence 1, Application US/10367470
; Publication No. US20030165963A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/10/367,470
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-367-470-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCACTACATCTTCC 1693
|||||
DB 4 CCGTAACATCATCTTCC 20

RESULT 862
US-10-059-273-22
; Sequence 22, Application US/10059273
; Publication No. US20030170736A1
; GENERAL INFORMATION:
; APPLICANT: Agoston, Denes V.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR PRODUCING
; TITLE OF INVENTION: NEURAL PROGENITOR CELLS
; FILE REFERENCE: 268422000100
; CURRENT APPLICATION NUMBER: US/10/059,273
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,113
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rat
US-10-059-273-22

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1719 GAGCCATGTTCCCTGC 1735
|||||
DB 1 GAGTCTGTTCCCTGC 17


```
RESULT 863
US-10-377-133-30/c
; Sequence 30, Application US/10377133
; Publication No. US20030219795A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.
; TITLE OF INVENTION: SCDS AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE
; FILE REFERENCE: EX03-015C
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US/10/377,133
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: YY is deoxyribonucleotide dtdt
US-10-377-133-30

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 6.9e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1637 GGCAGCGGCTGGAGGATGCC 1657
      :||| ||||| |||||
Db 21 RRCATCGTCTGGAGGAATGTC 1

RESULT 864
US-10-349-143-10380
; Sequence 10380, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10380
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11535 for SEQ 2515, in complem
US-10-349-143-10380

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1445 TGAACATCATCTCTTC 1461
      ||||| ||||| |||||
Db 5 TGAACATCATCTCTTC 21
```

```
RESULT 865
US-10-349-143-11492
; Sequence 11492, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11492
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8000 for SEQ 3627, in complemer
US-10-349-143-11492

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 364 GAGAGTGACGAGGCTTC 380
      ||||| ||||| |||||
Db 2 GAGAGTTACTAGGCTTC 18

RESULT 866
US-10-452-510-171/c
; Sequence 171, Application US/10452510
; Publication No. US20040005866A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-171

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
```

Hatches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
375 GGCTTCAGCCAGCTCCT 391
|||||
17 GGCTTCAGCCAGCTCCT 1

SULT 867
-10-617-334-171/c
Sequence 171, Application US/10617334
Publication No. US20040058869A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-91
CURRENT APPLICATION NUMBER: US/10/617,334
CURRENT FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: PatentIn 3.0
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
-10-617-334-171

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
375 GGCTTCAGCCAGCTCCT 391
|||||
17 GGCTTCAGCCAGCTCCT 1

SULT 868
-10-606-592-21/c
Sequence 21, Application US/10606592
Publication No. US20040110924A1
GENERAL INFORMATION:
APPLICANT: PASTERNAK, GAVRIL
APPLICANT: PAN, YING-XIAN
TITLE OF INVENTION: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE
TITLE OF INVENTION: VARIANTS OF THE KAPPA3-RELATED OPIOID RECEPTOR
TITLE OF INVENTION: (KOR-3) GENE
FILE REFERENCE: 830002-2001.2
CURRENT APPLICATION NUMBER: US/10/606,592
CURRENT FILING DATE: 2003-06-26
PRIOR APPLICATION NUMBER: 09/743,871
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US99/15977
PRIOR FILING DATE: 1999-07-15
PRIOR APPLICATION NUMBER: 60/093,002
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Mus musculus
-10-606-592-21
Query Match 0.8%; Score 13.8; DB 1; Length 21;

Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 681 CACAGACACCTTCTGG 697
|||||
Db 18 CACAGACATCCTTCTGG 2

RESULT 869
US-10-606-592-25/c
Sequence 25, Application US/10606592
Publication No. US20040110924A1
GENERAL INFORMATION:
APPLICANT: PASTERNAK, GAVRIL
APPLICANT: PAN, YING-XIAN
TITLE OF INVENTION: IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE
TITLE OF INVENTION: VARIANTS OF THE KAPPA3-RELATED OPIOID RECEPTOR
TITLE OF INVENTION: (KOR-3) GENE
FILE REFERENCE: 830002-2001.2
CURRENT APPLICATION NUMBER: US/10/606,592
CURRENT FILING DATE: 2003-06-26
PRIOR APPLICATION NUMBER: 09/743,871
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US99/15977
PRIOR FILING DATE: 1999-07-15
PRIOR APPLICATION NUMBER: 60/093,002
PRIOR FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 21
TYPE: DNA
ORGANISM: Mus musculus
US-10-606-592-25

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 681 CACAGACACCTTCTGG 697
|||||
Db 18 CACAGACATCCTTCTGG 2

RESULT 870
US-10-745-377-203/c
Sequence 203, Application US/10745377
Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Pimstone, Simon
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Clee, Susanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REFERENCE: 760050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256

PRIOR FILING DATE: 2003-07-10
 PRIOR APPLICATION NUMBER: 09/526,193
 PRIOR FILING DATE: 2000-03-15
 PRIOR APPLICATION NUMBER: 60/124,702
 PRIOR FILING DATE: 1999-03-15
 PRIOR APPLICATION NUMBER: 60/138,048
 PRIOR FILING DATE: 1999-06-08
 PRIOR APPLICATION NUMBER: 60/139,600
 PRIOR FILING DATE: 1999-06-17
 PRIOR APPLICATION NUMBER: 60/151,977
 PRIOR FILING DATE: 1999-09-01
 NUMBER OF SEQ ID NOS: 287
 SOFTWARE: PatentIn 3.0
 SEQ ID NO 171
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Homo sapiens
 10-833-679-171

```

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Test Local Similarity 88.2%; Pred. No. 6.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

375 GCCTTCAGCCAGCTCT 391
|||||
17 GCCTTCAGCCAGCTCT 1

```

```

SULT 875
10-786-720-1659/c
Sequence 1659, Application US/10786720
Publication No. US200401918A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF DISEASES
FILE REFERENCE: 031896-023000 (AM1013)
CURRENT APPLICATION NUMBER: US/10786720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1659
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-antisense strand
10-786-720-1659

```

```

Query Match          0.8%;   Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%;   Pred. NO. 6.9e+03;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

      856 AAGGACCTGAAGCAGTA 872
          |||||
      21 AAGGACITTTAAGCAGTA 5

```

ULT 876
 10-786-720-11737
 sequence 11737, Application US/10786720
 publication No. US2004019181A1
 GENERAL INFORMATION:
 APPLICANT: Wyeth
 APPLICANT: O'Toole, Margot
 APPLICANT: Liu, Wei
 TITLE OF INVENTION: COMPOSITIONS AND METHODS
 OF INVENTION: DISEASES
 FILE REFERENCE: 031896-023000 (AM101133)
 CURRENT APPLICATION NUMBER: US/107867,
 CURRENT FILING DATE: 2004-02-26
 NUMBER OF SEQ IDS: 21135
 SOFTWARE: Patent In version 3.2

```

; SEQ ID NO 11737
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11737

```

```

Query Match      0.88; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2; Pred. NO. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      854 ACAAGGACCTGAAGCAG 870
          | | | | | | | | | |
Db      2 AGAAGGACCTGAAGAG 18

```

```

RESULT 877
US-10-786-720-11739/c
; Sequence 11739, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11739
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11739

```

Query Match:	0.8%;	Score 13.8;	DB 1;	Length 21;
Best Local Similarity	88.3%;	Pred. No. 6.9e+02;		
Matches 15;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	854	ACAAGGACCTGAAGCAG	870	
Db	20	AGAAGGACCTGAAGAAG	4	

```

RESULT 878
US-10-786-720-12389
; Sequence 12389, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12389
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl-sense strand
US-10-786-720-12389

```

```

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 6.9e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      854  ACAAGGACCTGAAGCAG 870
          | | | | | | | | | |
Db       1  AGAAGGACCCUGAAGAAG 17
          | | | | | | | | | |

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RESULT 879
US-10-786-720-12390/c
; Sequence 12390, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12390
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12390
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 854 ACAAGACCTGAAGCAG 870
   |||||
QY 19 AGAAGACCTGAAGAAG 3

RESULT 880
US-10-786-720-13400/c
; Sequence 13400, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13400
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13400
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 491 ACATCGGCTGCTGAG 507
   |||||
QY 20 ACCTCAGCTGCCTGAG 4

RESULT 881
US-10-786-720-13684/c
; Sequence 13684, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
```

```
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13684
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13684
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GGCTTCAGCCAGTCCT 391
   |||||
QY 20 GGCTTTAGCCACATCCT 4

Db

RESULT 882
US-10-786-720-13685/c
; Sequence 13685, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13685
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13685
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GGCTTCAGCCAGTCCT 391
   |||||
QY 18 GGCTTTAGCCACATCCT 2

Db

RESULT 883
US-10-786-720-13686
; Sequence 13686, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13686
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13686
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 6.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
```

375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
2 GGCUUUAGCCACAUCU 18

SULT 884
-10-786-720-13936/c
Sequence 13936, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2
SEQ ID NO 13936
LENGTH: 21

TYPE: DNA
ORGANISM: Homo sapiens
-10-786-720-13936

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
18 GGCUTTAGCCACATCCT 2

SULT 885
-10-786-720-13938
Sequence 13938, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2
SEQ ID NO 13938
LENGTH: 21

TYPE: RNA
ORGANISM: RNai-antisense strand
-10-786-720-13938

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 6.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
4 GGCUUUAGCCACAUCU 20

SULT 886
-10-786-720-14266/c
Sequence 14266, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2
SEQ ID NO 14266
LENGTH: 21

TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-14266

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
Db 21 GGCUTTAGCCACATCCT 5

RESULT 887
US-10-786-720-14268
Sequence 14268, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2
SEQ ID NO 14268
LENGTH: 21

TYPE: RNA
ORGANISM: RNai-antisense strand
US-10-786-720-14268

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 64.7%; Pred. No. 6.9e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 375 GGCTTCAGCCACGTCCT 391
||||:|||||:|:
Db 1 GGCUUUAGCCACAUCU 17

RESULT 888
US-10-786-720-19649/c
Sequence 19649, Application US/10786720
Publication No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2
SEQ ID NO 19649
LENGTH: 21

TYPE: RNA
ORGANISM: RNai-sense strand
US-10-786-720-19649

```
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

>
> 1447 AAACATCCATCTTCTCT 1463
> ||||| ||||| ||
> 20 AAACATGCATCTTCTCT 4

RESULT 899
US-09-802-669-39
Sequence 39, Application US/09802669
Patent No. US2002000490A1
GENERAL INFORMATION:
APPLICANT: Dean, Nicholas M.
APPLICANT: Marcusson, Eric G.
APPLICANT: Wyatt, Jacqueline
APPLICANT: Zhang, Hong
TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
FILE REFERENCE: ISPH-545
CURRENT APPLICATION NUMBER: US/09/802,669
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: US/09/665,615
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US/09/290,640
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 180
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-802-669-39

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

>
> 1659 CACCCTCAGGGGAGGCC 1678
> ||||| ||||| |||||
> 1 CCCTCTCAGATGGCAGCCC 20

RESULT 890
US-09-923-517-20/c
Sequence 20, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: <Unknown>
```

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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-923-517-20

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

>
> 725 AAGAGGGGCGACCTGCACC 744
> ||||| ||||| |||||
> 20 AAGGGGAGGCGCGCGACC 1

Db

RESULT 891
US-09-854-883-275/c
Sequence 275, Application US/09854883
Patent No. US20020055479A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US/09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US/09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 389
SEQ ID NO 275
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-275

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

>
> 727 GAGGGGCGACCTGCACGC 746
> ||||| ||||| |||||
> 20 GAGGTGTACCTGCAGAGC 1

Db

RESULT 892
US-09-870-956-33/c
Sequence 33, Application US/09870956
Patent No. US2002012769A1
GENERAL INFORMATION:
APPLICANT: Knipp, Gregory T.
APPLICANT: Herrera-Ruiz, Dea
```

APPLICANT: Rutgers, The State University of New Jersey
TITLE OF INVENTION: No. US20020127669A1el Compositions for the Expression of the Human
FILE REFERENCE: Histidine Transporter 1 and Methods of Use Thereof

CURRENT APPLICATION NUMBER: US/09/870,956

PRIOR FILING DATE: 2001-05-31

PRIOR APPLICATION NUMBER: 60/208,061

NUMBER OF SEQ ID NOS: 56

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

-09-870-956-33

Query Match

Best Local Similarity

Matches

Indels

Gaps

0.8%; Score 13.6; DB 1; Length 20;

80.0%; Pred. No. 7.1e+02;

Conservative 0; Mismatches 4; Indels 4; Gaps 0;

551 AGCCCTCAGCGCGGCTC 570

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20 AACGCCCGAGCGCGCGC 1

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RESULT 896
US-09-747-772-4/c
; Sequence 4, Application US/09747772
; Patent No. US2002015598A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/09/747,772
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-747-772-4

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCG 245
Db      20 GAGAGGGGAAGTGGTGGGG 1

RESULT 897
US-09-779-050A-33/c
; Sequence 33, Application US/09779050A
; Patent No. US20020160416A1
; GENERAL INFORMATION:
; APPLICANT: BOYLE, WILLIAM
; APPLICANT: HSU, HAILIANG
; TITLE OF INVENTION: RECEPTOR FROM TNF FAMILY
; FILE REFERENCE: A-570H
; CURRENT APPLICATION NUMBER: US/09/779,050A
; CURRENT FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/181,800
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-779-050A-33

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      916 CTGTTCTCTTCACGCTGCT 935
Db      20 CTGTTCTCTGTGGCGCGCT 1

RESULT 898
US-09-976-736-22
; Sequence 22, Application US/09976736
; Patent No. US20020161178A1
; GENERAL INFORMATION:
; APPLICANT: Bass, Michael B
; APPLICANT: Sullivan, John K
; APPLICANT: Theilli, Lars E
; APPLICANT: Wang, Daquan
; TITLE OF INVENTION: NOVEL DKR POLYPEPTIDES
; FILE REFERENCE: A-548
; CURRENT APPLICATION NUMBER: US/09/976,736
; CURRENT FILING DATE: 2001-10-09

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      621 TAAGCTGGACAAACTGGGCG 640
Db      20 TGAGCTTGACAAAGTGGTCG 1

RESULT 899
US-09-872-462-470/c
; Sequence 470, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Corrigan, Amy
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: AEOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 470
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GAPDH amplification control forward primer
US-09-872-462-470

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1633 AGCAGGCAGCGCTGGAGGG 1652
Db      1 AACATGCAGCGGCTCGGGG 20

RESULT 899
US-09-872-462-470/c
; Sequence 470, Application US/09872462
; Patent No. US20020169295A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Corrigan, Amy
; TITLE OF INVENTION: HUMAN NEDD1
; FILE REFERENCE: AEOMICA-9
; CURRENT APPLICATION NUMBER: US/09/872,462
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 473
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 470
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GAPDH amplification control forward primer
US-09-872-462-470

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      621 TAAGCTGGACAAACTGGGCG 640
Db      20 TGAGCTTGACAAAGTGGTCG 1
```

SULT 900
-09-835-371-42/c
Sequence 42, Application US/09835371
Publication No. US20020187473A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, Eugen
APPLICANT: BREIPOHL, Gerhard
APPLICANT: WILL, David W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1743 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/835,371
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: base sequence
OTHER INFORMATION: of PNA targeting CMV
-09-835-371-42

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
226 GAGAGTGGTGGTGGCGG 245
|||||
20 GAGAGGGGAAGTGGTGGGG 1

SULT 901
-09-898-361-103
Sequence 103, Application US/09898361
Publication No. US20030008732A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-898-361-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
108 GCCCGCCGCGATCGCATGG 127
|||||
1 GCCCGCCGCGCTCGTCATAG 20

SULT 902
-09-835-370-42/c
Sequence 42, Application US/09835370
Publication No. US20030022172A2
GENERAL INFORMATION:
APPLICANT: UHLMANN, EUGEN
APPLICANT: BREIPOHL, GERHARD
APPLICANT: WILL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND

; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-42

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
226 GAGAGTGGTGGTGGCGG 245
|||||
20 GAGAGGGGAAGTGGTGGGG 1

RESULT 903
US-09-969-037-5
; Sequence 5, Application US/09969037
; Publication No. US20030022247A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: Substance which inhibits biding of information transfer molecule
; TITLE OF INVENTION: for 1175-tyrosine phosphorylated KDR/Flk-1 and usages of the sam
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/969,037
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: JP 2000-303694
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/263,512
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: a primer for replacing of human KDR/Flk-1 tyrosine residue at
; OTHER INFORMATION: position 801 to phenylalanine.
US-09-969-037-5

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
1281 GCCAGGCATCGTCCCAACG 1300
|||||
1 GACAGGCTCTTGTCATCG 20

RESULT 904
US-09-888-326-410/c
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346

Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Mismatches	Gaps
Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Mismatches	Gaps
0.8%;	80.0%;	0.8%;	13.6;	20;	7.1e+02;	4;	0;	0;
Matches 16;	Conservative 0;	Mismatches 4;	Indels 4;	Mismatches 0;	Indels 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	555	CCTCAGCGCGGCTCGTC	574					
DB	20	CGCGCGCGCGCGCGCGC	1					
RESULT 905	US-09-932-300-36/c	Sequence 36, Application US/09932300	Publication No. US20030032788A1	GENERAL INFORMATION:	APPLICANT: GARVER, Eric	APPLICANT: TU, Guang-Chou	APPLICANT: ISRAEL, Yedy	TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
FILE REFERENCE: 9855-3U2	CURRENT APPLICATION NUMBER: US/09/932,300	CURRENT FILING DATE: 2001-08-20	PRIOR APPLICATION NUMBER: US 60/051,705	PRIOR FILING DATE: 1997-07-03	PRIOR APPLICATION NUMBER: US 09/109,663	PRIOR FILING DATE: 1998-07-02	NUMBER OF SEQ ID NOS: 111	SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36	LENGTH: 20	TYPE: DNA	ORGANISM: Artificial Sequence	FEATURE:	OTHER INFORMATION: Description of Artificial Sequence: Known	OTHER INFORMATION: effective ASO	US-09-932-300-36	
Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Mismatches	Gaps
0.8%;	80.0%;	0.8%;	13.6;	20;	7.1e+02;	4;	0;	0;
Matches 16;	Conservative 0;	Mismatches 4;	Indels 4;	Mismatches 0;	Indels 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	226	GAGAGTGGTGGTGGTGGCGG	245					
DB	20	GAGAGGGGGAAGTGGTGGGG	1					
RESULT 906	US-09-949-427-330/c	Sequence 330, Application US/09949427	Publication No. US20030054418A1	GENERAL INFORMATION:	APPLICANT: Bodnar, Jackie S.	APPLICANT: Castellani, Lawrence W.	APPLICANT: Chatterjee, Aurobindo	APPLICANT: de Jong, Pieter
FILE REFERENCE: 9855-3U2	CURRENT APPLICATION NUMBER: US/09/949,427	CURRENT FILING DATE: 2001-09-07	PRIOR APPLICATION NUMBER: US 60/231,322	PRIOR FILING DATE: 2000-09-08	NUMBER OF SEQ ID NOS: 405	SOFTWARE: PatentIn version 3.1	SEQ ID NO 330	LENGTH: 20
TYPE: DNA	ORGANISM: Artificial Sequence	FEATURE:	OTHER INFORMATION: Synthetic Primer	US-09-949-428-330				
Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Mismatches	Gaps
0.8%;	80.0%;	0.8%;	13.6;	20;	7.1e+02;	4;	0;	0;
Matches 16;	Conservative 0;	Mismatches 4;	Indels 4;	Mismatches 0;	Indels 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	16	GGATGGACAGGAATGCACAG	35					
DB	20	GGATGGAGAGGCATCCTGAG	1					
RESULT 907	US-09-949-428-330/c	Sequence 330, Application US/09949428	Publication No. US20030064372A1	GENERAL INFORMATION:	APPLICANT: Bodnar, Jackie S.	APPLICANT: Castellani, Lawrence W.	APPLICANT: Chatterjee, Aurobindo	APPLICANT: de Jong, Pieter
FILE REFERENCE: 02810.0014.NPUS01	CURRENT APPLICATION NUMBER: US/09/949,428	CURRENT FILING DATE: 2001-09-07	PRIOR APPLICATION NUMBER: US 60/231,322	PRIOR FILING DATE: 2000-09-08	NUMBER OF SEQ ID NOS: 405	SOFTWARE: PatentIn version 3.1	SEQ ID NO 330	LENGTH: 20
TYPE: DNA	ORGANISM: Artificial Sequence	FEATURE:	OTHER INFORMATION: Synthetic Primer	US-09-949-428-330				
Query Match	Best Local Similarity	Score	DB 1;	Length	DB 2;	Indels	Mismatches	Gaps
0.8%;	80.0%;	0.8%;	13.6;	20;	7.1e+02;	4;	0;	0;
Matches 16;	Conservative 0;	Mismatches 4;	Indels 4;	Mismatches 0;	Indels 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	16	GGATGGACAGGAATGCACAG	35					
DB	20	GGATGGAGAGGCATCCTGAG	1					
RESULT 908	US-09-861-925-68	Sequence 68, Application US/09861925	Publication No. US20030064426A1	GENERAL INFORMATION:	APPLICANT: Roninson, Igor	APPLICANT: Chang, Bey-Dih	TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING CDK INHIBITORS	TITLE OF INVENTION: REGULATED BY CDK INHIBITORS

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FILE REFERENCE: 99,216-F
CURRENT APPLICATION NUMBER: US/09/861,925
CURRENT FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: US 60/
PRIOR FILING DATE: 2001-02-01
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn version 3.0
SEQ ID NO 68
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Analytical sense primer for MAC2-BP
-09-861-925-68

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

48 ACCAGCAGTGTGACTGCTGA 67
||||| ||||| ||||| |||||
1 ACCATGAGTGGATGCTGA 20

SULT 909
-09-888-361-103
Sequence 103, Application US/09888361
Publication No. US20030064944A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-888-361-103

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

108 GCCCCCGCGCATCGCATGG 127
||||| ||||| ||||| |||||
1 GCCCCCGTGGCTGCTCATAG 20

SULT 910
-09-972-469-195/c
Sequence 195, Application US/09972469
Publication No. US20030073085A1
GENERAL INFORMATION:
APPLICANT: Zhou, Daixing
TITLE OF INVENTION: AMPLIFYING EXPRESSED SEQUENCES FROM GENOMIC DNA OF HIGHER-ORDER
FILE REFERENCE: SP01-290
CURRENT APPLICATION NUMBER: US/09/972,469
CURRENT FILING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 196
SOFTWARE: PatentIn version 3.1
SEQ ID NO 195
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
```

```
US-09-972-469-195

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      742 ACCGCCATCCGGGAAGTGTC 761
||||| ||||| ||||| |||||
DB      20 ACCACCACGACGAAAGTGTC 1

RESULT 911
US-09-982-262B-15/c
; Sequence 15, Application US/09982262B
; Publication No. US20030077565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262B
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-982-262B-15

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCGG 245
||||| ||||| ||||| |||||
DB      20 GAGAGGGGGAAGTGGTGGGGG 1

RESULT 912
US-09-920-677-21
; Sequence 21, Application US/09920677
; Publication No. US20030083284A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF P70 S6 KINASE EXPRESSION
; FILE REFERENCE: RTS-0245
; CURRENT APPLICATION NUMBER: US/09/920,677
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-677-21

Query Match          0.8%; Score 13.6; DB 1; Length 20;
```

Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 561 CCGCGCGCTCCGTCGTGCTCA 580
||||| ||| ||| ||| ||| |||
DB 1 CCGCGCTCCGTCGTGCTCA 20

RESULT 913
US-09-935-316-2/c
; Sequence 2, Application US/09935316
; Publication No. US20030083286A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestina
; TITLE OF INVENTION: Absorption
; FILE REFERENCE: IS154823
; CURRENT APPLICATION NUMBER: US/09/935,316
; CURRENT FILING DATE: 2001-08-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-935-316-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCG 245
||||| ||| ||| ||| ||| |||
DB 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 914
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
||||| ||| ||| ||| ||| |||
DB 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 915
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
||||| ||| ||| ||| ||| |||
DB 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 916
US-09-920-033-52/c
; Sequence 52, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-52

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1565 TGCTGACTCAGGCGAGGCCA 1584
||||| ||| ||| ||| ||| |||
DB 20 TACCTGTCTCTGTAGGCCA 1

RESULT 917
US-09-902-953-2/c
; Sequence 2, Application US/09902953
; Publication No. US20030096770A1
; GENERAL INFORMATION:
; APPLICANT: Krotz, Achim
; APPLICANT: Mehta, Rahul
; TITLE OF INVENTION: Enhancement Of The Stability Of Oligonucleotides Comprising

TITLE OF INVENTION: Phosphorothioate Linkages By Addition Of Water Soluble Antioxidants
FILE REFERENCE: ISIS-4797
CURRENT APPLICATION NUMBER: US/09/902,953
CURRENT FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Antisense Oligonucleotide
-09-902-953-2
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
226 GAGAGTGGTGGTGGCGG 245
|||||
20 GAGAGCGGAAGTGGTGGGG 1
SULT 918
-09-915-814-106/c
Sequence 106, Application US/09915814
Publication No. US20030096771A1
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Andrew T. Watt
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0587
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 230
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-915-814-106
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
1003 ATCACGAGAGGGGAGAGCT 1022
|||||
20 ATCACCAGATGGAAGTGCT 1
SULT 919
-09-972-607-63
Sequence 63, Application US/09972607
Publication No. US20030105037A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/09/972,607
CURRENT FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-09-972-607-63
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 917 TGTTCCTGTTCCAGCTGCTC 936
|||
Db 1 TGCAGCTGCTCCAGCTGCTC 20
RESULT 920
US-09-973-827-29
Sequence 29, Application US/09973827
Publication No. US20030105038A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CREB EXPRESSION
FILE REFERENCE: RTS-0237
CURRENT APPLICATION NUMBER: US/09/973,827
CURRENT FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-973-827-29
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 294 TTCTGCACGGGGCCCACTCA 313
|||||
Db 1 TTATGCATGGGGCCACACA 20
RESULT 921
US-09-944-493-2/c
Sequence 2, Application US/09944493
Publication No. US20030124196A1
GENERAL INFORMATION:
APPLICANT: Weinbach, Susan
APPLICANT: Tillman, Lloyd G.
APPLICANT: Geary, Richard H.
APPLICANT: Hardee, Gregory E.
TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestina
FILE REFERENCE: ISIS4823
CURRENT APPLICATION NUMBER: US/09/944,493
CURRENT FILING DATE: 2001-08-21
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-944-493-2
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 226 GAGAGTGGTGGTGGTGGCGG 245
|||||
Db 20 GAGAGGGGAAGTGGTGGGG 1

```
RESULT 922
US-09-882-945A-145/c
; Sequence 145, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-145

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
    ||||| || ||||| |||||
Db 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 923
US-09-908-147-27/c
; Sequence 27, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-27

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 77 GAGGGCCCGCGGCTGTGAG 96
    ||||| || ||||| |||||
Db 20 GGGGGCCCGCCAGCTGTGAG 1

RESULT 924
US-09-908-147-133
; Sequence 133, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
```

```
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-133

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 392 CGGATGAGGTGCAGTCTCCA 411
    ||||| ||||| ||||| |||||
Db 1 CGGAGGAAGTCCAGTCTCCA 20

RESULT 925
US-09-793-146-20/c
; Sequence 20, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-20

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
    ||||| || ||||| ||||| |||||
Db 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 926
US-09-965-101-57/c
; Sequence 57, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; TITLE OF INVENTION: Therapeutic Protocols
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
```

NUMBER OF SEQ ID NOS: 84
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
-09-965-101-57

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

555 CCTCAGCGCGCGCTCGTC 574
||| ||||| ||||| |||||
20 CCGCGCGCGCGCGCGCGCC 1

SULT 927
-10-153-273-24
Sequence 24, Application US/10153273
Publication No. US20020169305A1
GENERAL INFORMATION:
APPLICANT: Sim, Kim L.
Chitnis, Chetan
Miller, Louis H.
Peterson, David S.
Su, Xin-zhaun
Wellens, Thomas E.

TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS

NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
COUNTRY: US
ZIP: 92660

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/153,273
FILING DATE: 21-May-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/210,288
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Fuller, Michael

REGISTRATION NUMBER: 36,516
REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176

INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
-10-153-273-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 7.1e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;
Qy 1630 CCCAGCAGCGCAGCGCTG 1647
|||:::|||||:::
Db 1 CCSMGSMGSCAGCAGYTS 18

RESULT 928
US-10-060-301-20
; Sequence 20, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195P
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Reverse Primer for SNP ID 10
US-10-060-301-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 765 GCTCAGGACCTCAACACG 784
||||| ||||| ||||| |||||
Db 1 GCTCAGGACTCGAGACG 20

RESULT 929
US-10-057-550-11/c
; Sequence 11, Application US/10057550
; Publication No. US20030032607A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/057,550
; CURRENT FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/566,073
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-11


```
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGCGCTCCCT 1205
      ||||| ||||| ||||| |||||
:b 20 ATGGCTCAGGCGCTTCACT 1

RESULT 930
US-10-029-598-2/c
; Sequence 2, Application US/10029598
; Publication No. US20030040497A1
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Ieou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. US20030040497A1-Parental Delivery
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
      ||||| ||||| ||||| |||||
:b 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 931
US-10-112-653-235/c
; Sequence 235, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
```

```
US-10-112-653-235

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCGTC 574
      ||||| ||||| ||||| |||||
:b 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 932
US-10-017-995-243/c
; Sequence 243, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCGTC 574
      ||||| ||||| ||||| |||||
:b 20 CCGCGCGCGCGCGCGCGCC 1

RESULT 933
US-10-232-881-4/c
; Sequence 4, Application US/10232881
; Publication No. US20030088088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Phosphorothioate backbone
US-10-232-881-4

Query Match          0.8%; Score 13.6; DB 1; Length 20;
```

```

Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

226 GAGAGTGGTGGTGGCGG 245
↑↑↑↑↑↑↑↑↑↑↑↑↑↑↑
20 GAGAGGGGAAGTGGTGGCGG 1

934 T. J. L.

3001 33*
-10-094-458A-15
Sequence 15, Application US/10094458A
Publication No. US20030097685A1

PUBLICATION NO. 052003002700044
GENERAL INFORMATION:

APPLICANT: BENNING, CHRISTOPHER

APPLICANT: CERNAC AT EX

AFFILIANT: CERNAC, ALEX
TITLE OF INVENTION: LIPID METABOLISM REGULATORS IN PLANTS

FILE REFERENCE: 16313-0097

FILE REFERENCE: 1094.002
CURRENT APPLICATION NUMBER: IIS/10/094.458A

CURRENT AFFILIATION NUMBER: 3391
CURRENT FILING DATE: 2002-10-10

CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 60/274,170

PRIOR APPLICATION NUMBER: 99/01000
PRIOR FILING DATE: 2001-03-08

PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 39

NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patent In Ver 2.1

SOFTWARE: PASCAL
CFO ID NO 15

SEQ ID NO 15
LENGTH: 20

LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence

ORGANISM
TEST WITH

FEATURE: DESCRIPTION OF ARTIFICIAL SEQUENCE: PRIMER

OTHER INFORMATION

Query Match	0.8%;	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 7.1e+02;		
Mismatches	16;	Conservative	0;	Mismatches 4
				Indels

1688 TCTTCCCTGCTTACTCTCTG 1707
|||||
1 TCTTCCCTTGTCTACTCTCTG 20

SULT 935

-10-279-186-86
 Sequence 86, Application US/10279186
 Publication No. US20030114407A1

POLITICAL NO.: 0320
GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: SUSAN M. FREIER

APPLICANT: SUSAN M. FLEET
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR

FIELD OF INVENTION: ANTISENSE MODULATION
TITLE OF INVENTION: ETBR-LP-2 EXPRESSION

TITLE OF INVENTION: E1BK-EF-2 LAKNESSCI
FILE PREFERENCE: RTS-0346

FILE REFERENCE: RIS-0348
CURRENT APPLICATION NUMBER: IIS/1

CURRENT APPLICATION NUMBER: 08/10/213,1
CURRENT FILING DATE: 2002-10-23

CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US/

PRIOR APPLICATION NUMBER: 2001-111111
PRIOR FILING DATE: 2001-11-11

PRIOR FILLING

NUMBER OF S

SEQ	ID	NO	86
1	1	1	1
2	2	2	2
3	3	3	3
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5	5	5	5
6	6	6	6
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8	8	8	8
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14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
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23	23	23	23
24	24	24	24
25	25	25	25
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27	27	27	27
28	28	28	28
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82	82	82	82
83	83	83	83
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85	85	85	85
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89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

LENGTH: 20

TYPE: DN

ORGANISM: Artificial Sequence

OTHER INFORMATION:
1-70-279-186-86

Query Match	0.8%;	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 7.1e+02;		
Mismatches	0.	Mismatches	4	Indels
Conservative	15.			

1052 CCAAGTCAATCCCAACAAG 1071
|||||
1 CCAAGTCCATCCCTAGACAG 20

RESULT 936

```
RESULT 938
US-10-006-366-74
; Sequence 74, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0332
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-74

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 865 AAGCTGACTGCTGGTGGCTG 884
DB 1 AAGCTGAACCTGGATGGCAG 20

RESULT 939
US-10-229-834A-23/c
; Sequence 23, Application US/10229834A
; Publication No. US20030150003A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence Berkeley National Laboratory
; APPLICANT: Rubin, Edward
; APPLICANT: Pennacchio, Len
; TITLE OF INVENTION: A novel apolipoprotein gene involved in lipid metabolism
; FILE REFERENCE: IB-1709
; CURRENT APPLICATION NUMBER: US/10/229,834A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: US 60/318,219
; PRIOR FILING DATE: 2001-08-27
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens and Mus musculus
US-10-229-834A-23

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 622 AAGCTGGACAAACTGGCGCA 641
DB 20 AACCTGGACCAGTGGCGCA 1

RESULT 940
US-10-083-246A-26
; Sequence 26, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
```

```
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-26

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 623 AGCTGGACAAACTGGCGCAG 642
DB 1 AGTCGGTCAAACTGGGTGAG 20

RESULT 941
US-10-189-956-36
; Sequence 36, Application US/10189956
; Publication No. US20030152951A1
; GENERAL INFORMATION:
; APPLICANT: Mirel, Daniel B
; APPLICANT: Erlich, Henry A
; APPLICANT: Bugawan, Teodorica L
; APPLICANT: Valdes, Ana M
; TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
; FILE REFERENCE: 1803-295-999
; CURRENT APPLICATION NUMBER: US/10/189,956
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-189-956-36

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1521 GGAGATTTCAGCTACAAAGG 1540
DB 1 GCAGACTCAGCAACAGAGG 20

RESULT 942
US-10-233-032A-68
; Sequence 68, Application US/10233032A
; Publication No. US20030157704A1
; GENERAL INFORMATION:
; APPLICANT: Poole, Jason
; APPLICANT: Chang, Bey-Dih
; APPLICANT: Roninson, Igor
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
; TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
; FILE REFERENCE: 01-1156-A
; CURRENT APPLICATION NUMBER: US/10/233,032A
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 09/861,925
; PRIOR FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US 60/265,840
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 68
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Analytical sense primer for MAC2-BP
-10-233-032A-68

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

48 ACCAGCAGTGTGACTGCTGA 67
|||||
1 ACCATGAGTGTGGATGCTGA 20

JULT 943
-10-162-497-28/c
Sequence 28, Application US/10162497
Publication No. US20030158398A1
GENERAL INFORMATION:
APPLICANT: Chen, H.
APPLICANT: Fzeimer, N.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
AND TREATING CHROMOSOME-18p RELATED DISORDERS
FILE REFERENCE: 7853-138
CURRENT APPLICATION NUMBER: US/10/162,497
CURRENT FILING DATE: 2002-06-04
PRIORITY FILING DATE: US/09/657,474
PRIORITY FILING DATE: 2000-09-07
PRIORITY FILING DATE: 09/268,992
PRIORITY FILING DATE: 1999-03-16
PRIORITY FILING DATE: 03/236,134
PRIORITY FILING DATE: 1999-01-22
PRIORITY FILING DATE: 60/106,056
PRIORITY FILING DATE: 1998-10-28
PRIORITY FILING DATE: 60/088,312
PRIORITY FILING DATE: 1998-06-05
PRIORITY FILING DATE: 60/078,044
PRIORITY FILING DATE: 1998-03-16
NUMBER OF SEQ ID NOS: 84
SOFTWARE: Fast-Seq for Windows Version 3.0
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-162-497-28

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

156 GTCAATGACACTCGAGGTG 175
|||||
20 GTCAATGAAACTTGGAGGTG 1

JULT 944
-10-026-952-94/c
Sequence 94, Application US/10026952
Publication No. US20030165859A1
GENERAL INFORMATION:
APPLICANT: Nazarenko, Irina
APPLICANT: Rashtchian, Ayoub
APPLICANT: Solus, Joseph
APPLICANT: Pires, Richard M.
APPLICANT: Darfier, Marlene
APPLICANT: Gebeyehu, Gulilat
APPLICANT: Astatke, Mekbib
TITLE OF INVENTION: Primers and Methods for the Detection and
Discrimination of Nucleic Acids
FILE REFERENCE: 0942.4980006
CURRENT APPLICATION NUMBER: US/10/026,952
CURRENT FILING DATE: 2002-04-30
PRIORITY FILING DATE: 60/330,468
PRIORITY FILING DATE: 2001-10-23
PRIORITY FILING DATE: 60/139,890
PRIORITY FILING DATE: 1999-06-22
PRIORITY FILING DATE: 60/175,959
PRIORITY FILING DATE: 2000-01-13
PRIORITY FILING DATE: 09/599,594
PRIORITY FILING DATE: 2000-06-22
PRIORITY FILING DATE: 09/748,146
PRIORITY FILING DATE: 2000-12-27
NUMBER OF SEQ ID NOS: 139
SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-026-952-94

TITLE OF INVENTION: Discrimination of Nucleic Acids
FILE REFERENCE: 0942.4980006
CURRENT APPLICATION NUMBER: US/10/026,952
CURRENT FILING DATE: 2002-04-30
PRIORITY FILING DATE: 60/330,468
PRIORITY FILING DATE: 2001-10-23
PRIORITY FILING DATE: 60/139,890
PRIORITY FILING DATE: 1999-06-22
PRIORITY FILING DATE: 60/175,959
PRIORITY FILING DATE: 2000-01-13
PRIORITY FILING DATE: 09/599,594
PRIORITY FILING DATE: 2000-06-22
PRIORITY FILING DATE: 09/748,146
PRIORITY FILING DATE: 2000-12-27
NUMBER OF SEQ ID NOS: 139
SOFTWARE: PatentIn version 3.1
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
NAME/KEY: misc feature
LOCATION: (18)..(18)
OTHER INFORMATION: Fluorescently labeled
US-10-026-952-94

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CTACTGCCACCGCAGGAGG 967
|||||
Db 20 CTACAGCCACCATGAGAAG 1

RESULT 945
US-10-026-952-103/c
Sequence 103, Application US/10026952
Publication No. US20030165859A1
GENERAL INFORMATION:
APPLICANT: Nazarenko, Irina
APPLICANT: Rashtchian, Ayoub
APPLICANT: Solus, Joseph
APPLICANT: Pires, Richard M.
APPLICANT: Darfier, Marlene
APPLICANT: Gebeyehu, Gulilat
APPLICANT: Astatke, Mekbib
TITLE OF INVENTION: Primers and Methods for the Detection and
Discrimination of Nucleic Acids
FILE REFERENCE: 0942.4980006
CURRENT APPLICATION NUMBER: US/10/026,952
CURRENT FILING DATE: 2002-04-30
PRIORITY FILING DATE: 60/330,468
PRIORITY FILING DATE: 2001-10-23
PRIORITY FILING DATE: 60/139,890
PRIORITY FILING DATE: 1999-06-22
PRIORITY FILING DATE: 60/175,959
PRIORITY FILING DATE: 2000-01-13
PRIORITY FILING DATE: 09/599,594
PRIORITY FILING DATE: 2000-06-22
PRIORITY FILING DATE: 09/748,146
PRIORITY FILING DATE: 2000-12-27
NUMBER OF SEQ ID NOS: 139
SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
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; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Fluorescently labeled
US-10-026-952-103

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CTACTGCCACCGCAGAGG 967
DB 20 CTACAGCCACCATGAGAGG 1

RESULT 946
US-10-026-952-104/c
; Sequence 104, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfler, Marlene
; APPLICANT: Gebeyehu, Gulilat
; APPLICANT: Astatke, Mekbib
; TITLE OF INVENTION: Primers and Methods for the Detection and
; TITLE OF INVENTION: Discrimination of Nucleic Acids
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: Fluorescently labeled
US-10-026-952-104

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 CTACTGCCACCGCAGAGG 967
DB 20 CTACAGCCACCATGAGAGG 1

RESULT 947
US-10-203-780-12/c
; Sequence 12, Application US/10203780
; Publication No. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC
; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOUT, JEAN-LUC

; APPLICANT: DUEYMES, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUORI
; TITLE OF INVENTION: MARKER
; FILE REFERENCE: 226286US0XPCT
; CURRENT APPLICATION NUMBER: US/10/203,780
; CURRENT FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: FR 00 02236
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1)..(1)
; OTHER INFORMATION: c is modified with a covalent linkage to flavin
US-10-203-780-12

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
DB 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 948
US-10-408-969-4/c
; Sequence 4, Application US/10408969
; Publication No. US20030170759A1
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Underwood, Lowell J.
; APPLICANT: Tanimoto, Hirotooshi
; APPLICANT: Shigemasa, Kazushi
; TITLE OF INVENTION: Uses of Antileukoprotease in Carcinoma
; FILE REFERENCE: D6247D
; CURRENT APPLICATION NUMBER: US/10/408,969
; CURRENT FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: US 09/692,820
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse oligonucleotide primer for PCR
; OTHER INFORMATION: amplification of antileukoprotease
US-10-408-969-4

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1109 CCCCTGACATCCTGCTGGG 1128
DB 20 CCACTGATATCCTCCTTTGG 1

RESULT 949
US-10-160-632-73/c
; Sequence 73, Application US/10160632
; Publication No. US20030176380A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
```

APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
FILE REFERENCE: RFS-0217
CURRENT APPLICATION NUMBER: US/10/160,632
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: US/09/853,768
PRIOR FILING DATE: 2001-05-10
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-160-632-73

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1380 GCGGACCTCTCTCACCACG 1399
|||||
20 GGACTACCTCATAACCAAGC 1

SULT 950
-10-238-442-75/c
Sequence 75, Application US/10238442
Publication No. US20030176383A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0488
CURRENT APPLICATION NUMBER: US/10/238,442
CURRENT FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
-10-238-442-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1153 GACATCTGGGTCTGGGCTG 1172
|||||
20 GACATCTGGTCTGTGGCTG 1

SULT 951
-10-032-585-5724
Sequence 5724, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999

CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5724
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-5724

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGCAGTG 250
|||||
Db 1 TGGTGGTGGTGGTGGTGGT 20

RESULT 952
US-10-220-507-14
Sequence 14, Application US/10220507
Publication No. US20030186262A1
GENERAL INFORMATION:
APPLICANT: CAILLOUX, FABRICE
TITLE OF INVENTION: NOVEL DNA CHIPS
FILE REFERENCE: 065691/0288
CURRENT APPLICATION NUMBER: US/10/220,507
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: PCT/FR01/00604
PRIOR FILING DATE: 2001-03-01
PRIOR APPLICATION NUMBER: FR 00/02614
PRIOR FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn ver. 2.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
US-10-220-507-14

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTGGCGCAG 248
|||||
Db 1 ACTGGTGGTGGTGGAGCAG 20

RESULT 953
US-10-430-196-20/c
Sequence 20, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

US-10-430-196-20/c
Sequence 20, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of
Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

Db	20	CTGGTGAAGCTGCCGTGAA	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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RESULT 957

US-10-296-540-82/c
Sequence 82, Application US/10296540
Publication No. US20030215827A1
GENERAL INFORMATION:

APPLICANT: JULIER, C.cile
APPLICANT: DELSPINE, Marc
APPLICANT: NICOLINO, Marc

TITLE OF INVENTION: MUTATED EUKARIOTIC TRANSLATION INITIATION FACTOR 2 ALPHA KINASE 3
TITLE OF INVENTION: EIF2AK3, IN PATIENTS WITH NEONATAL INSULIN-DEPENDENT DIABETES AN
TITLE OF INVENTION: MULTIPLE EPIPHYSEAL DYSPLASIA (WOLCOTT-RALLISON SYNDROME)

FILE REFERENCE: 344 061 - US

CURRENT APPLICATION NUMBER: US/10/296,540

CURRENT FILING DATE: 2002-11-25

PRIOR APPLICATION NUMBER: EP 00/401 436

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: EP 00/402 707

PRIOR FILING DATE: 2000-10-02

PRIOR APPLICATION NUMBER: PCT/IB 01/01 153

PRIOR FILING DATE: 2001-05-23

NUMBER OF SEQ ID NOS: 105

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 82

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Forward primer.
S-10-296-540-82

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 532 AATAGGCCCATCTTTTGACAA 551

20 AATAGGCCCATCTTTTACTA 1

RESULT 958

S-10-147-196-52/c
Sequence 52, Application US/10147196
Publication No. US20030215943A1
GENERAL INFORMATION:

APPLICANT: Rosanne M. Crooke

APPLICANT: Mark J. Graham

TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION

FILE REFERENCE: ISPH-0664

CURRENT APPLICATION NUMBER: US/10/147,196

CURRENT FILING DATE: 2002-05-15

NUMBER OF SEQ ID NOS: 124

SEQ ID NO 52

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-147-196-52

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1565 TGCCTGACTCAGGCGGCA 1584

20 TACCTGTCTCTGTAGGCA 1

SULT 959

-10-181-875-15

Sequence 15, Application US/10181875

Publication No. US20030216333A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: Brett P. Monia

APPLICANT: Robert McKay

APPLICANT: Madeline M. Butler

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESS

FILE REFERENCE: RTSP-0356

CURRENT APPLICATION NUMBER: US/10/181,875

CURRENT FILING DATE: 2002-07-22

PRIOR APPLICATION NUMBER: 09/488,856

PRIOR FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 15

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-875-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 556 CTCAGCGCGCGCTCCGTGC 575

Db 1 CTCGCTGCTCTCTCCGCG 20

RESULT 960

US-10-360-510-275/c

Sequence 275, Application US/10360510

Publication No. US20030220282A1

GENERAL INFORMATION:

APPLICANT: Lex M. Cowser

APPLICANT: Jacqueline Wyatt

APPLICANT: Susan M. Freier

APPLICANT: Brett P. Monia

APPLICANT: Madeline M. Butler

APPLICANT: Robert McKay

TITLE OF INVENTION: ANTISENSE MODULATION OF PTB1B EXPRESSION

FILE REFERENCE: ISPH-0576

CURRENT APPLICATION NUMBER: US/10/360,510

CURRENT FILING DATE: 2003-02-07

PRIOR APPLICATION NUMBER: US/09/854,883

PRIOR FILING DATE: 2001-05-14

PRIOR APPLICATION NUMBER: US 09/629,644

PRIOR FILING DATE: 2000-07-31

PRIOR APPLICATION NUMBER: US 09/487,368

PRIOR FILING DATE: 2000-01-18

NUMBER OF SEQ ID NOS: 389

SEQ ID NO 275

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-360-510-275

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 727 GAGGGGGCACCCTGCACGC 746

Db 20 GAGGTGTCACTGCAGAGC 1

RESULT 961

US-10-159-942-73/c

Sequence 73, Application US/10159942

Publication No. US20030224512A1

GENERAL INFORMATION:


```

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-73

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 330 TGTGCACGAGGACTTGAAGA 349
      |||||
Db 20 TGTGCACGATGATTCAGGA 1

RESULT 962
US-10-159-942-75/c
; Sequence 75, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-75

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 876 GGATGACTGTGGAAACATCA 895
      |||||
Db 20 GGAAGACTGTGGCTACAACA 1

RESULT 963
US-10-159-942-125
; Sequence 125, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-125

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 876 GGATGACTGTGGAAACATCA 895
      |||||
Db 20 GGAAGACTGTGGCTACAACA 1

RESULT 964
US-10-161-996-69/c
; Sequence 69, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; TITLE OF INVENTION: ANTISENSE EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-69

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
      |||||
Db 20 GCAGGCTGACCTGGACCTGG 1

RESULT 965
US-10-161-996-203
; Sequence 203, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; TITLE OF INVENTION: ANTISENSE EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-203

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
      |||||
Db 20 GCAGGCTGACCTGGACCTGG 20

RESULT 966
US-10-160-554-14/c
; Sequence 14, Application US/10160554
; Publication No. US20030225012A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
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QY 330 TGTGCACGAGGACTTGAAGA 349
      |||||
Db 1 TGTGCACGATGATTCAGGA 20

RESULT 964
US-10-161-996-69/c
; Sequence 69, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; TITLE OF INVENTION: ANTISENSE EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-69

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
      |||||
Db 20 GCAGGCTGACCTGGACCTGG 1

RESULT 965
US-10-161-996-203
; Sequence 203, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN-
; TITLE OF INVENTION: ANTISENSE EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-203

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGCTGG 1045
      |||||
Db 1 GCAGGCTGACCTGGACCTGG 20

RESULT 966
US-10-160-554-14/c
; Sequence 14, Application US/10160554
; Publication No. US20030225012A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
```

TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSCRIPTION FACTOR DP-1 EXPRESSION
FILE REFERENCE: RTS-0019
CURRENT APPLICATION NUMBER: US/10/160,554
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 14

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-160-554-14

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1672 GCAGCCCCCACTACATCTT 1691

|||||
20 GCTGCGGACCAACCATCTT 1

SULT 967

-10-160-787-36/c

Sequence 36, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 36

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-160-787-36

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

347 AGATGGGCTCTGATGGGAG 366

|||||
20 AAATGGGATCATGTGTGAG 1

SULT 968

-10-160-787-40/c

Sequence 40, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 40

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-160-787-40

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 388 TCCTCGGATGAGTGCAGTC 407
|||
Db 20 TCATCTGATGAAGTCCAGTC 1

RESULT 969

US-10-160-787-51/c

Sequence 51, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 51

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-160-787-51

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 608 TGGAGACCTACATTAAGCTG 627

|||||
Db 20 TGGAAACCTACATCAATTG 1

RESULT 970

US-10-160-787-53

Sequence 53, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 53

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-160-787-53

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1390 CTCACCAAGCTGTTCAGTT 1409

|||||
Db 1 CTCCTCAAGCTTTTCCAATT 20

RESULT 971

US-10-160-787-54/c

Sequence 54, Application US/10160787

Publication No. US20030225256A1

GENERAL INFORMATION:

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION

FILE REFERENCE: RTS-0204

CURRENT APPLICATION NUMBER: US/10/160,787

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 141

SEQ ID NO 54

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-54
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

C/ 692 TTGTGGCACTCAAGGAGATC 711
   ||||| ||||| |||||
Db 20 TGGTGGCACTTAAAGAGATC 1

RESULT 972
US-10-160-787-61/c
; Sequence 61, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-61
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

C/ 1072 ACATACTCCAAATGAGTGGT 1091
   ||||| ||||| |||||
Db 20 ACCTACTCAAAATGAAGTTGT 1

RESULT 973
US-10-160-787-64/c
; Sequence 64, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-64
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

C/ 1134 GGACTACTCCACTCAGATTG 1153
   ||||| ||||| |||||
Db 20 GGAGTACTTACACAGATTG 1

RESULT 974
```

```

US-10-160-787-70/c
; Sequence 70, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-70
```

```

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

C/ 1306 TTCAAGACATACAACTACCC 1325
   ||||| ||||| |||||
Db 20 TTCAAGAACTACAACTTTC 1
```

RESULT 975

```

US-10-160-787-79/c
; Sequence 79, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-79
```

```

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

C/ 1517 TAAAGGAGATTCAGCTACAA 1536
   ||||| ||||| |||||
Db 20 TGAAGAGATTCAGTTGCAA 1
```

RESULT 976

```

US-10-160-787-105
; Sequence 105, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-105
```

```
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

347 AGATGGGTCTGATGGGAG 366
||||| ||||| |||||
1 AAATGGGATCAGATGGTGAG 20

SULT 977
-10-160-787-109
Sequence 109, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 109
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-109

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

388 TCCTCGGATGAGTGCAGTC 407
||||| ||||| |||||
1 TCATCTGATGAAGTCGATC 20

SULT 978
-10-160-787-117
Sequence 117, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 117
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-160-787-117

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

692 TTGTGGCACTCAAGGATC 711
||||| ||||| |||||
1 TGGTGGCATTAAGAGATC 20

SULT 979
-10-160-787-123
Sequence 123, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
```

```
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 123
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-787-123

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1072 ACATACTCCAATGAGGTGGT 1091
||||| ||||| |||||
Db 1 ACCTACTCAATGAAGTTGT 20

RESULT 980
US-10-160-787-130
Sequence 130, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 130
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-787-130

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1306 TTCAAGACATACACTACCC 1325
||||| ||||| |||||
Db 1 TTCAAGAACTCAACTTCC 20

RESULT 981
US-10-160-787-135
Sequence 135, Application US/10160787
Publication No. US20030225256A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
FILE REFERENCE: RTS-0204
CURRENT APPLICATION NUMBER: US/10/160,787
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 135
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-787-135

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1517 TAAAGGAGATTCAGCTACAA 1536
||||| ||||| |||||
Db 1 TGAAGAGATTCAGTTGCAA 20

RESULT 982
US-10-449-512-1/c
```

```
; Sequence 1, Application US/10449512
; Publication No. US20030228568A1
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/10/449,512
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/09/670,216
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: h1PKF-2 antisense
US-10-449-512-1

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTCGCT 1698
Db 20 CCAACGGCACTTCGGCGCT 1

RESULT 983
US-10-449-512-2
; Sequence 2, Application US/10449512
; Publication No. US20030228568A1
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/10/449,512
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/09/670,216
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hi-PPK-2 antisense
US-10-449-512-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTCGCT 1698
Do 1 CCAACGGCACTTCGGCGCT 20

RESULT 984
```

```
US-10-388-263-584/c
; Sequence 584, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 584
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-584

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1565 TGCCTGACTCAGCGAGGCCA 1584
Db 20 TACCTGTCTCTGTAGGCCA 1

RESULT 985
US-10-174-460-60/c
; Sequence 60, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-60

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1166 TGGGTCGATCTTCTATGAG 1185
Db 20 TGGGTCGAGCTCTCTGTGGG 1

RESULT 986
US-10-174-460-102
; Sequence 102, Application US/10174460
; Publication No. US20030232441A1
```

GENERAL INFORMATION:

APPLICANT: Brett P. Monia
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
FILE REFERENCE: PTS-0014
CURRENT APPLICATION NUMBER: US/10/174,460
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 109

SEQ ID NO 102

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

-10-174-460-102

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1166 TGGGCTGCATCTTCTATGAG 1185

|||||
1 TGGGCTGCAGCTCCTGTGGG 20

SULT 987

-10-173-902-43/c

Sequence 43, Application US/101733902

Publication No. US20030232769A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION

FILE REFERENCE: PTS-0044

CURRENT APPLICATION NUMBER: US/10/173,902

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 74

SEQ ID NO 43

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

-10-173-902-43

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

926 TCCAGCTGCTCGTGGCCTG 945

|||||
20 TCCAGCTACACCTGTCTCTG 1

SULT 988

-10-173-902-71

Sequence 71, Application US/101733902

Publication No. US20030232769A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION

FILE REFERENCE: PTS-0044

CURRENT APPLICATION NUMBER: US/10/173,902

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ ID NOS: 74

SEQ ID NO 71

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

-10-173-902-71

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 926 TCCAGCTGCTCGTGGCCTG 945

|||||
1 TCCAGCTACACCTGTCTCTG 20

RESULT 989

US-10-174-465-13

; Sequence 13, Application US/10174465

; Publication No. US20030232772A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6

; FILE REFERENCE: PTS-0055

; CURRENT APPLICATION NUMBER: US/10/174,465

; CURRENT FILING DATE: 2002-06-17

; NUMBER OF SEQ ID NOS: 70

; SEQ ID NO 13

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-174-465-13

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 83 CCCGGGCTCTGAGTTGCT 102

|||||
1 CCACCAGCTCTGAGTTTCT 20

RESULT 990

US-10-174-465-49/c

; Sequence 49, Application US/10174465

; Publication No. US20030232772A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6

; FILE REFERENCE: PTS-0055

; CURRENT APPLICATION NUMBER: US/10/174,465

; CURRENT FILING DATE: 2002-06-17

; NUMBER OF SEQ ID NOS: 70

; SEQ ID NO 49

; LENGTH: 20

; TYPE: DNA

; ORGANISM: H. sapiens

; FEATURE:

US-10-174-465-49

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 83 CCCGGGCTCTGAGTTGCT 102

|||||
20 CCACCAGCTCTGAGTTTCT 1

RESULT 991

US-10-348-431-13

; Sequence 13, Application US/10348431

; Publication No. US20030232778A1

; GENERAL INFORMATION:

; APPLICANT: Eric G. Marcussen

; APPLICANT: C. Frank Bennett

```
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ANGIOGENESIS
; CURRENT APPLICATION NUMBER: US/10/348,431
; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-431-13

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      83 CCGCGGCTCTGAGGTGCT 102
      ||| ||||| ||||| |||||
Db      1 CCACCAGCTCTGAGTTTCT 20

RESULT 992
US-10-348-431-49/c
; Sequence 49, Application US/10348431
; Publication No. US20030232778A1
; GENERAL INFORMATION:
; APPLICANT: Eric G. Marcussen
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ANGIOGENESIS
; CURRENT APPLICATION NUMBER: US/10/348,431
; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-348-431-49

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      83 CCGCGGCTCTGAGGTGCT 102
      ||| ||||| ||||| |||||
Db      20 CCACCAGCTCTGAGTTTCT 1

RESULT 993
US-10-104-047-4089/c
; Sequence 4089, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1el full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4089
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially
```

```
; OTHER INFORMATION: synthesized primer sequence
US-10-104-047-4089

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      154 CTGTCATGACACTCCGAGG 173
      ||||| ||||| ||||| |||||
Db      20 CTGTCACCTGACTCTCCTTGG 1

RESULT 994
US-10-349-143-11617/c
; Sequence 11617, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPL
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11617
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11206 for SEQ 3752, in complete
US-10-349-143-11617

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1237 CACTTCATCTCCGTATCTT 1256
      ||| ||||| ||||| |||||
Db      20 CTCCTCCTCTCCATACTT 1

RESULT 995
US-10-289-762-2072/c
; Sequence 2072, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2072
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2072

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
```

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

405 GTCTCCAGTGGAGTGCGTA 424
||||| ||||| |||||
20 GTCTCCTATGAGATTGCGGA 1

SULT 996

-10-289-762-3394/c
Sequence 3394, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3394
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae

-10-289-762-3394

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

154 CTGTCAATGACACTCCGAGG 173
||||| ||||| |||||
20 CTGTGATTACACCGAGG 1

SULT 997

-10-289-762-3649/c
Sequence 3649, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3649
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae

-10-289-762-3649

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1684 TACATCTTCCTGCTTACTC 1703
||||| ||||| |||||
20 TACTTCTTCCTCCCTCTCTC 1

SULT 998

-10-289-762-4585
Sequence 4585, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4585
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-4585

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
||||| ||||| |||||
DB 1 GCGTTCAGGATCTACAGGAA 20

RESULT 999

US-10-289-762-5261
; Sequence 5261, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-5261

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GCCACCGCGCAGAAGTGCTA 972
||||| ||||| |||||
DB 1 GCTATCGGCAGATGATGCTA 20

RESULT 1000

US-10-289-762-5947/c
; Sequence 5947, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5947
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-5947

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 542 TCTTTGACAGCCCTCAGC 561
||||| ||||| |||||
DB 20 TATTGTCAAGCCCCACACC 1


```
RESULT 1001
US-10-289-762-6067
; Sequence 6067, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6067
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6067

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 CCTGTCTCAAGGACCTCAA 780
DB 1 CGTGTCTCAAGACATCAGA 20

RESULT 1002
US-10-131-827-8923/c
; Sequence 8923, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8923
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-131-827-8923

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 715 CTGGAACATGAGAGGGGC 734
DB 20 CTTGAACCTGAACAGGGGC 1

RESULT 1003
US-10-210-429-63/c
; Sequence 63, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-429-63

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 AATGAGGTGTGACACTGTG 1100
DB 20 AATGAGTTGAGGCCACTGTG 1

RESULT 1004
US-10-210-429-134
; Sequence 134, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-210-429-134

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 AATGAGGTGTGACACTGTG 1100
DB 1 AATGAGTTGAGGCCACTGTG 20

RESULT 1005
US-10-210-833-100/c
; Sequence 100, Application US/10210833
; Publication No. US20040023383A1
; GENERAL INFORMATION:
; APPLICANT: Sanjay Bharot
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION
; FILE REFERENCE: RTS-0396
; CURRENT APPLICATION NUMBER: US/10/210,833
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-833-100

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

14 AAGGATGGACAGGAATGCAG 33
|||||
20 AAGGATAGACTGGACAGAG 1

SULT 1006
-10-210-833-159
Sequence 159, Application US/10210833
Publication No. US20040023383A1
GENERAL INFORMATION:
APPLICANT: Sanjay Bhanot
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION
FILE REFERENCE: RTS-0396
CURRENT APPLICATION NUMBER: US/10/210,833
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: M. musculus
FEATURE:
-10-210-833-159

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

14 AAGGATGGACAGGAATGCAG 33
|||||
1 AAGGATAGACTGGACAGAG 20

SULT 1007
-10-628-841-63
Sequence 63, Application US/10628841
Publication No. US20040023918A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
FILE REFERENCE: RTS-0191
CURRENT APPLICATION NUMBER: US/10/628,841
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: US/09/972,607
PRIOR FILING DATE: 2001-10-06
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-628-841-63

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

917 TGTTCCTGTTCCAGTGTCTC 936
|||
1 TGCAGTGTCTCCAGTGTCTC 20

SULT 1008
-10-462-261-50
Sequence 50, Application US/10462261
Publication No. US20040029248A1
GENERAL INFORMATION:
APPLICANT: Garrett M. Brodeur
APPLICANT: Peter S. White
TITLE OF INVENTION: CHD5 ENCODING NUCLEIC ACIDS,

; TITLE OF INVENTION: POLYPEPTIDES, ANTIBODIES AND METHODS OF USE THEREOF
; FILE REFERENCE: CHOP0162
; CURRENT APPLICATION NUMBER: US/10/462,261
; CURRENT FILING DATE: 2003-06-16
; PRIOR APPLICATION NUMBER: 60/388,848
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-462-261-50

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 506 AGGGCTACCTGGAGAGCTG 525
|||
DB 1 AGACACACCTGGAGGAGCTG 20

RESULT 1009
US-10-215-448-70
; Sequence 70, Application US/10215448
; Publication No. US20040029273A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-70

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1720 AGCCATGTTCCACCTGCCAC 1739
|||
DB 1 AACCATCTTCATCTTCCAC 20

RESULT 1010
US-10-215-448-102/c
; Sequence 102, Application US/10215448
; Publication No. US20040029273A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-215-448-102

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;

APPLICANT: Liu, Yi
APPLICANT: Anderson, David W.
APPLICANT: Spaderina, Steven K.
APPLICANT: Catterton, Elina
APPLICANT: Leite, Mario W.
APPLICANT: Zhong, Haihong
APPLICANT: Alsobrook, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Burgess, Catherine E.
TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
CURRENT APPLICATION NUMBER: US/10/092,900A
CURRENT FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USN 60/283,675
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: USN 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: USN 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USN 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USN 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: USN 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: USN 60/279,995
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: USN 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: USN 60/287,424
PRIOR FILING DATE: 2001-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 768
SEQ ID NO 426
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
-10-092-900A-426

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

306 CCCTCAGCTCTGCACGAC 325
|||||
1 CCCTCAGCTGGAACAG 20

SUIT 1015
-10-672-981-29
Sequence 29, Application US/10672981
Publication No. US2004004825A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF CREB EXPRESSION
FILE REFERENCE: RTS-0237
CURRENT APPLICATION NUMBER: US/10/672,981
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: US/09/973,827
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

US-10-672-981-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 294 TTCTGACGGGGGCCCACTCA 313
|||||
Db 1 TTATGATGCGGCCACACA 20

RESULT 1016
US-10-380-533-72
Sequence 72, Application US/10380533
Publication No. US20040072186A1
GENERAL INFORMATION:
APPLICANT: University College Cardiff Consultants Ltd
TITLE OF INVENTION: Transglutaminase Gene Products
FILE REFERENCE: P504074PCT
CURRENT APPLICATION NUMBER: US/10/380,533
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: GB0111995.7
PRIOR FILING DATE: 2001-05-16
PRIOR APPLICATION NUMBER: GB0022768.6
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 144
SOFTWARE: PatentIn version 3.1
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-380-533-72

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 599 TTGGGAACTGGAGACCTAC 618
|||||
Db 1 TTGGGAGCTGGAGAGCAAC 20

RESULT 1017
US-10-626-772-33
Sequence 33, Application US/10626772
Publication No. US2004007234A1
GENERAL INFORMATION:
APPLICANT: KAZUTOMO INOUE,
APPLICANT: DOHOON KIM,
APPLICANT: YANJUN GU
APPLICANT: MICHIO ISHII
TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO
FUNCTIONING CELLS
FILE REFERENCE: 0020-5157P
CURRENT APPLICATION NUMBER: US/10/626,772
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: US 10/054,789
PRIOR FILING DATE: 2002-01-25
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-10-626-772-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 614 CCTACATTAAGCTGGACAAA 633
|||||

>> 1 CCTCCTTTACGGTGACAAA 20

RESULT 1018

US-10-050-888A-7/c

; Sequence 7, Application US/10050888A

; Publication No. US20040073376A1

; GENERAL INFORMATION:

; APPLICANT: Gesteland, Raymond F.

; APPLICANT: Atkins, John F.

; APPLICANT: Matveeva, Olga V.

; APPLICANT: Giddings, Michael C.

; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neural

; TITLE OF INVENTION: Networks

; FILE REFERENCE: T9479 B

; CURRENT APPLICATION NUMBER: US/10/050,888A

; CURRENT FILING DATE: 2002-01-14

; PRIOR APPLICATION NUMBER: US 60/262,993

; PRIOR FILING DATE: 2001-01-19

; NUMBER OF SEQ ID NOS: 20

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 7

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-050-888A-7

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 7.1e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGGGG 245

Db 20 GAGAGGGGAGTGGTGGGG 1

RESULT 1019

US-10-728-509-27/c

; Sequence 27, Application US/10728509

; Publication No. US2004007583A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0185

; CURRENT APPLICATION NUMBER: US/10/728,509

; CURRENT FILING DATE: 2003-12-05

; PRIOR APPLICATION NUMBER: US/09/908,147

; PRIOR FILING DATE: 2001-07-17

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 27

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-728-509-27

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 77 GAGGGCCCGGGCTCTGAG 96

Db 20 GGGGGCCCAACAGCTCTGAG 1

RESULT 1020

US-10-728-509-133

; Sequence 133, Application US/10728509

; Publication No. US2004007583A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0185

; CURRENT APPLICATION NUMBER: US/10/728,509

; CURRENT FILING DATE: 2003-12-05

; PRIOR APPLICATION NUMBER: US/09/908,147

; PRIOR FILING DATE: 2001-07-17

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 133

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-728-509-133

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 392 CGGATGAGTGCAGTCTCCA 411

Db 1 CGGAGGAAGTCCAGTGTCCA 20

RESULT 1021

US-10-280-183A-504

; Sequence 504, Application US/10280183A

; Publication No. US20040081964A1

; GENERAL INFORMATION:

; APPLICANT: Pfizer Inc.

; APPLICANT: Bachmanov, Alexander A

; APPLICANT: Beauchamp, Gary K.

; APPLICANT: Chatterjee, Aurobindo

; APPLICANT: De Jong, Pieter J.

; APPLICANT: Li, Shanru

; APPLICANT: Li, Xia

; APPLICANT: Ohmen, Jeffrey D

; APPLICANT: Reed, Danielle R.

; APPLICANT: Ross, David

; APPLICANT: Tordoff, Michael G.

; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING

; TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS

; FILE REFERENCE: PC18306A

; CURRENT APPLICATION NUMBER: US/10/280,183A

; CURRENT FILING DATE: 2002-10-25

; PRIOR APPLICATION NUMBER: 60/200,794

; PRIOR FILING DATE: 2000-04-28

; NUMBER OF SEQ ID NOS: 652

; SOFTWARE: PatentIn Ver. 3.1

; SEQ ID NO 504

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-280-183A-504

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 851 TGGACAAGGACCTGAAGCAG 870

Db 1 TGGAGTACGACCTGAAGCTG 20

RESULT 1022

US-10-287-226-539

; Sequence 539, Application US/10287226

; Publication No. US20040086875A1

; GENERAL INFORMATION:

; APPLICANT: Agee, Michele L.,

; APPLICANT: Alsbrook, John P.,

; APPLICANT: Berghs, Constance,

APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chant, John S.,
APPLICANT: Chaudhuri, Amtabha,
APPLICANT: DiPippo, Vincent A.,
APPLICANT: Edinger, Shlomit R.,
APPLICANT: Eisen, Andrew,
APPLICANT: Ellerman, Karen,
APPLICANT: Gangolli, Esha A.,
APPLICANT: Gorman, Linda,
APPLICANT: Gerlach, Valerie,
APPLICANT: Ji, Weizhen,
APPLICANT: Kekuda, Ramesh,
APPLICANT: Khrantsov, Nikolai,
APPLICANT: Li, Li,
APPLICANT: Malyankar, Uriel M.,
APPLICANT: Macbougall, John R.,
APPLICANT: Mezes, Peter S.,
APPLICANT: Miller, Charles E.,
APPLICANT: Millet, Isabelle,
APPLICANT: Ooi, Chean Eng,
APPLICANT: Ort, Tatiana,
APPLICANT: Padigaru, Muralidhara,
APPLICANT: Patturajan, Meera,
APPLICANT: Rastelli, Luca,
APPLICANT: Rieger, Daniel K.,
APPLICANT: Rothenberg, Mark E.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spytek, Kimberley A.,
APPLICANT: Taupier, Jr., Raymond J.,
APPLICANT: Vernhet, Corine A.M.,
APPLICANT: Zerhusen, Bryan D.,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/404,821
PRIOR FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/334,526
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,409
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/364,227
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/331,641
PRIOR FILING DATE: 2001-11-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuraseqList version 0.1
SEQ ID NO 539
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
;-10-287-226-539
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 275 CTGCTCCTGGGGAAGTTCGT 294
Db 1 CAGCTCCTGGGGTATTTGT 20
RESULT 1023
US-10-295-471-26/c
; Sequence 26, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-295-471-26
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 17 GATGGACAGGAATGCAGAGG 36
Db 20 GCTGGACAGGAAGACAGTGG 1
RESULT 1024
US-10-295-471-102
; Sequence 102, Application US/10295471
; Publication No. US20040097441A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIMA-RELATED KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0368
; CURRENT APPLICATION NUMBER: US/10/295,471
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-295-471-102
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 17 GATGGACAGGAATGCAGAGG 36
Db 1 GCTGGACAGGAAGACAGTGG 20
RESULT 1025
US-10-301-832-26/c
; Sequence 26, Application US/10301832
; Publication No. US20040102390A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH3 EXPRESSION
; FILE REFERENCE: RTS-0414
; CURRENT APPLICATION NUMBER: US/10/301,832
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 155
; SEQ ID NO 26

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-301-832-26

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 547 GACAAGCCCTCAGCCGCG 566
      ||||| ||||| |||||
Db 20 GACAAGTACCTCTGCCGCTG 1

RESULT 1026
US-10-301-832-103
; Sequence 103, Application US/10301832
; Publication No. US20040102390A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH3 EXPRESSION
; FILE REFERENCE: RTS-0414
; CURRENT APPLICATION NUMBER: US/10/301.832
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 155
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-301-832-103

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 547 GACAAGCCCTCAGCCGCG 566
      ||||| ||||| |||||
Db 1 GACAAGTACCTCTGCCGCTG 20

RESULT 1027
US-10-303-292-38/c
; Sequence 38, Application US/10303292
; Publication No. US20040102394A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 2 EXPRESSION
; FILE REFERENCE: RTS-0078
; CURRENT APPLICATION NUMBER: US/10/303.292
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-292-38

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 582 CCTATCTGAGATTGGCTTTG 601
      ||||| ||||| |||||
Db 20 CCTATGTCTATGGGCTTTG 1

RESULT 1028
US-10-303-292-64
; Sequence 64, Application US/10303292
; Publication No. US20040102394A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: MODULATION OF HUNTINGTIN INTERACTING PROTEIN 2 EXPRESSION
; FILE REFERENCE: RTS-0078
; CURRENT APPLICATION NUMBER: US/10/303.292
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-292-64

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 582 CCTATCTGAGATTGGCTTTG 601
      ||||| ||||| |||||
Db 1 CCTATGTCTATGGGCTTTG 20

RESULT 1029
US-10-303-325-36/c
; Sequence 36, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303.325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-36

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 304 GGCCCACTCAGCTCTGCACC 323
      ||||| ||||| |||||
Db 20 GGCACTGCGCTCTGCACC 1

RESULT 1030
US-10-303-325-112
; Sequence 112, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303.325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 112
; LENGTH: 20
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Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels

RESULT 1035
US-10-688-706-1543
; Sequence 1543, Application US/10688706
; Publication No. US20040102412A1


```
GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1543
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1543

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1184 AGATGGCCACAGGCGCTCCC 1203
      ||| ||||| ||||| |||
Db 1 AAATTACCACAGGCGGCCCC 20

RESULT 1036
US-10-688-706-1688
; Sequence 1688, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1688
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1688

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 889 AACATCATCAACATGCACAA 908
      ||| ||||| ||||| |||
Db 1 AACATCATCATCTTCCAGAA 20

RESULT 1037
US-10-688-706-2931
; Sequence 2931, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17

GENERAL INFORMATION:
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2931
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2931

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 881 ACTGTGGACATCATCAAC 900
      ||| ||||| ||||| |||
Db 1 ACTGCTGCAACATCATCATC 20

RESULT 1038
US-10-316-755-147/c
; Sequence 147, Application US/10316755
; Publication No. US20040110152A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
; FILE REFERENCE: RFS-0381
; CURRENT APPLICATION NUMBER: US/10/316,755
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 277
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-755-147

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1452 TCCATTCTTCTCAGTCTGG 1471
      ||| ||||| ||||| |||
Db 20 TCCATGCTGCTTGGTCTGG 1

RESULT 1039
US-10-317-391-35
; Sequence 35, Application US/10317391
; Publication No. US20040115634A1
; GENERAL INFORMATION:
; APPLICANT: William R. Shanahan, Jr.
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION
; FILE REFERENCE: PFS-0010
; CURRENT APPLICATION NUMBER: US/10/317,391
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-391-35

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

1560 GTCGATGCTGACTCAGGCA 1579
|||||
1 GTCACCTGGCTGCTCAGGCA 20

SULT 1040

-10-317-391-103/c
Sequence 103, Application US/10317391
Publication No. US20040115634A1
GENERAL INFORMATION:
APPLICANT: William R. Shanahan, Jr.
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION
CURRENT APPLICATION NUMBER: US/10/317,391
FILE REFERENCE: PTS-0010
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 138
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-317-391-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1560 GTCGATGCTGACTCAGGCA 1579
|||||
20 GTCACCTGGCTGCTCAGGCA 1

SULT 1041

-10-319-893-77/c
Sequence 77, Application US/10319893
Publication No. US20040115649A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS5 EXPRESSION
FILE REFERENCE: RTS-0419
CURRENT APPLICATION NUMBER: US/10/319,893
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 157
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-319-893-77

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1381 GCCGACCTCCTCACCAGCT 1400
|||||
20 GCCGACCTCCGAAGCAACT 1

SULT 1042

-10-319-893-150
Sequence 150, Application US/10319893
Publication No. US20040115649A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS5 EXPRESSION
FILE REFERENCE: RTS-0419
CURRENT APPLICATION NUMBER: US/10/319,893
CURRENT FILING DATE: 2002-12-12
NUMBER OF SEQ ID NOS: 157
SEQ ID NO 150

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-319-893-150

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1381 GCCGACCTCCTCACCAGCT 1400
|||||
DB 1 GCCGACCTCCGAAGCAACT 20

RESULT 1043

US-10-319-915-130
; Sequence 130, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-130

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 576 TGTGAGCCTATCTGAGATTG 595
|||||
DB 1 TTTCACCATCTCTGAGATTG 20

RESULT 1044

US-10-319-915-251/c
; Sequence 251, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 251
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-319-915-251

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 576 TGTGAGCCTATCTGAGATTG 595
|||||
DB 20 TTTCACCATCTCTGAGATTG 1

RESULT 1045

US-10-477-435-16
; Sequence 16, Application US/10477435

```
; Publication No. US2004011568A1
; GENERAL INFORMATION:
; APPLICANT: SLOAN-KETERING INSTITUTE FOR CANCER RESEARCH
; APPLICANT: Cheung, Irene Y.
; APPLICANT: Cheung, Nai-Kong V.
; TITLE OF INVENTION: Detection of G2D Synthase mRNA And Uses Thereof
; FILE REFERENCE: 652-A-PCT
; CURRENT APPLICATION NUMBER: US/10/477,435
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: US 60/290,527
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: BAGE forward primer
US-10-477-435-16

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCGAGTGA 251
      |||||
Db 1 GATGGTGGTGGCAACAGAGA 20

RESULT 1046
US-10-467-126-29
; Sequence 29, Application US/10467126
; Publication No. US20040121973A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT A
; FILE REFERENCE: ISPH-0747
; CURRENT APPLICATION NUMBER: US/10/467,126
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US02/03948
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 09/780,049
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-126-29

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 51 AGCAGTGTGACTGCTGAAC 70
      |||||
Db 1 AGCAGTGTAACTGTTCAAC 20

RESULT 1047
US-10-671-395-339/c
; Sequence 339, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; Publication No. US2004011568A1
; GENERAL INFORMATION:
; APPLICANT: Sloan-Kettering Institute for Cancer Research
; APPLICANT: Cheung, Irene Y.
; APPLICANT: Cheung, Nai-Kong V.
; TITLE OF INVENTION: Detection of G2D Synthase mRNA And Uses Thereof
; FILE REFERENCE: 652-A-PCT
; CURRENT APPLICATION NUMBER: US/10/477,435
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: US 60/290,527
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: BAGE forward primer
US-10-477-435-16

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCGAGTGA 251
      |||||
Db 1 GATGGTGGTGGCAACAGAGA 20

RESULT 1046
US-10-467-126-29
; Sequence 29, Application US/10467126
; Publication No. US20040121973A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT A
; FILE REFERENCE: ISPH-0747
; CURRENT APPLICATION NUMBER: US/10/467,126
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US02/03948
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 09/780,049
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-126-29

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 51 AGCAGTGTGACTGCTGAAC 70
      |||||
Db 1 AGCAGTGTAACTGTTCAAC 20

RESULT 1047
US-10-671-395-339/c
; Sequence 339, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.

; Publication No. US2004011568A1
; GENERAL INFORMATION:
; APPLICANT: Sloan-Kettering Institute for Cancer Research
; APPLICANT: Cheung, Irene Y.
; APPLICANT: Cheung, Nai-Kong V.
; TITLE OF INVENTION: Detection of G2D Synthase mRNA And Uses Thereof
; FILE REFERENCE: 652-A-PCT
; CURRENT APPLICATION NUMBER: US/10/477,435
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: US 60/290,527
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 339
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-339

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 503 CTCAGGGCTACCTGGAGAG 522
      |||||
Db 20 CCGTGGCTACCTGGGGAAG 1

RESULT 1048
US-10-671-395-656
; Sequence 656, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-656

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 235 GGTGGTGGCGGCGAGTGACCC 254
      |||||
Db 1 GCGGAGGCTGCGAGTGAGCC 20

RESULT 1049
US-10-671-395-783
; Sequence 783, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
```

PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 783
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-783

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

232 GGTGGTGGTGGCGAGTGA 251
|||||
1 GGAGCGGAGGCTGCAGTGA 20

SULT 1050
-10-671-395-828
Sequence 828, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 828
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-828

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

397 GAGGTGCAGTCTCCAGTCGAG 416
|||||
1 GAGGCGGAGGCTGCAGTCGAG 20

SULT 1051
-10-671-395-971/c
Sequence 971, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 971
LENGTH: 20
TYPE: DNA
ORGANISM: artificial

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-971

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1431 CGCAGGAGTGCCTGAAC 1450
|||||
Db 20 CCCCAGGATGCCCTGAGAC 1

RESULT 1052
US-10-181-174B-55/c
Sequence 55, Application US/10181174B
Publication No. US20040132674A1
GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, XIAOLAN
APPLICANT: ROSS, RALF
APPLICANT: BROS, MATTHIAS
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF
FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: P 100 10 188.7
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-181-174B-55

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCAGCGCTGGAG 1650
|||||
Db 20 CCAGGAGCGGAGGCTGCAG 1

RESULT 1053
US-10-346-268-32/c
Sequence 32, Application US/10346268
Publication No. US20040137441A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Kenneth W. Doble
APPLICANT: Ravi Jain
TITLE OF INVENTION: MODULATION OF THYROID HORMONE RECEPTOR INTERACTOR 3 EXPRESSION
FILE REFERENCE: PTS-0076
CURRENT APPLICATION NUMBER: US/10/346,268
CURRENT FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 200
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-346-268-32

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 907 AACGTGAACGTGTCCTGTT 926
| | | | | | | | | | | | | | | |
Db 20 ACCCTGAACACTGCTCTGTT 1

RESULT 1054

US-10-789-113-3/c
; Sequence 3, Application US/10789113
; Publication No. US20040142900A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Normand, Nadia Michelle
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/10/789,113
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: US/09/747,772
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-10-789-113-3

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1055

US-10-789-113-4/c
; Sequence 4, Application US/10789113
; Publication No. US20040142900A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Normand, Nadia Michelle
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/10/789,113
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: US/09/747,772
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-10-789-113-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1056

US-10-777-838-2/c
; Sequence 2, Application US/10777838
; Publication No. US20040162259A1
; GENERAL INFORMATION:
; APPLICANT: Wedel, Mark K.
; APPLICANT: Miner, Philip B.
; TITLE OF INVENTION: Compositions and Methods for Treatment of Pouchitis
; FILE REFERENCE: ISIC0008-100
; CURRENT APPLICATION NUMBER: US/10/777,838
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: 60/518,053
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/477,215
; PRIOR FILING DATE: 2003-02-13
; NUMBER OF SEQ ID NOS: 53
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-777-838-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1057

US-10-727-109-1/c
; Sequence 1, Application US/10727109
; Publication No. US20040171044A1
; GENERAL INFORMATION:
; APPLICANT: PHOGEN, LIMITED
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Normand, Nadia Michelle
; TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
; FILE REFERENCE: 5759-54451
; CURRENT APPLICATION NUMBER: US/10/727,109
; CURRENT FILING DATE: 2003-12-02
; PRIOR APPLICATION NUMBER: US/09/522,278B
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: GB 9930499.0
; PRIOR FILING DATE: 1999-12-24
; PRIOR APPLICATION NUMBER: GB 9905444.7
; PRIOR FILING DATE: 1999-03-10
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-727-109-1

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
| | | | | | | | | | | | | | | |
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 1058

US-10-727-109-6/c
; Sequence 6, Application US/10727109

Publication No. US20040171044A1
GENERAL INFORMATION:
APPLICANT: PHOGEN, LIMITED
APPLICANT: O'Hare, Peter Francis Joseph
APPLICANT: Normand, Nadia Michelle
TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
FILE REFERENCE: 5759-54451
CURRENT APPLICATION NUMBER: US/10/727,109
CURRENT FILING DATE: 2003-12-02
PRIOR APPLICATION NUMBER: US/09/522,278B
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: GB 9930499.0
PRIOR FILING DATE: 1999-12-24
PRIOR APPLICATION NUMBER: GB 9905444.7
PRIOR FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-727-109-6

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGCGG 245
||||| ||| ||||| |||
20 GAGAGGGGAAGTGGTGGG 1

SULT 1059
-10-727-109-9/c
Sequence 9, Application US/10727109
Publication No. US20040171044A1
GENERAL INFORMATION:
APPLICANT: PHOGEN, LIMITED
APPLICANT: O'Hare, Peter Francis Joseph
APPLICANT: Normand, Nadia Michelle
TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
FILE REFERENCE: 5759-54451
CURRENT APPLICATION NUMBER: US/10/727,109
CURRENT FILING DATE: 2003-12-02
PRIOR APPLICATION NUMBER: US/09/522,278B
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: GB 9930499.0
PRIOR FILING DATE: 1999-12-24
PRIOR APPLICATION NUMBER: GB 9905444.7
PRIOR FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
-10-727-109-9

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

226 GAGAGTGGTGGTGGCGG 245
||||| ||| ||||| |||
20 GAGAGGGGAAGTGGTGGG 1

SULT 1060
-10-641-455A-75/c

Sequence 75, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 75
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-10-641-455A-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGGGCTG 1172
||||| ||| ||||| |||
DB 20 GACATGTGGTGTGGCCTG 1

RESULT 1061
US-10-629-313-28/c
Sequence 28, Application US/10629313
Publication No. US20040176572A1
GENERAL INFORMATION:
APPLICANT: Nelson B. Freimer
APPLICANT: Hong Chen
APPLICANT: Victor I. Reus
APPLICANT: Susan K. Service
APPLICANT: Lynne Alison McInnes
APPLICANT: Pedro Leon
APPLICANT: Lodewijk Sandkuijl
TITLE OF INVENTION: Method and Compositions for Diagnosing and Treating Chromosome-18
Related Disorders
FILE REFERENCE: UCAL-154CIP5
CURRENT APPLICATION NUMBER: US/10/629,313
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: 09/722,544
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/631,275
PRIOR FILING DATE: 2000-08-02
PRIOR APPLICATION NUMBER: 09/268,992
PRIOR FILING DATE: 1999-03-16
PRIOR APPLICATION NUMBER: 09/236,134
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/078,044
PRIOR FILING DATE: 1998-03-16
PRIOR APPLICATION NUMBER: 60/088,312
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/106,056
PRIOR FILING DATE: 1998-10-28
NUMBER OF SEQ ID NOS: 165
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 28

```
LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-629-313-28

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 156 GTCAATGACACTCCGAGGTG 175
    ||||| ||||| |||||
Db 20 GTCCATGAAACTTGGAGGTG 1

RESULT 1062
US-10-296-450A-82/c
; Sequence 82, Application US/10296450A
; Publication No. US20040180338A1
; GENERAL INFORMATION:
; APPLICANT: JULIER, CECILE
; APPLICANT: DELEPINE, MARC
; TITLE OF INVENTION: MUTATED EUKARIOTIC TRANSLATION INITIATION FACTOR 2 ALPHA KINASE 3
; TITLE OF INVENTION: EIF2AK3, IN PATIENTS WITH NEONATAL INSULIN-DEPENDENT DIABETES
; TITLE OF INVENTION: AND MULTIPLE EPIPHYSEAL DYSPLASIA (WOLCOTT-RALLISON SYNDROME)
; FILE REFERENCE: 065691/0301
; CURRENT APPLICATION NUMBER: US/10/296,450A
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: PCT/IB01/01153
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: EP 00401436.1
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: EP 00402707.4
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-296-450A-82

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 532 AATAGCCCATCTTTGCAA 551
    ||||| ||||| |||||
Db 20 AATAGCCCGCTTTAACTA 1

RESULT 1063
US-10-723-940-13/c
; Sequence 13, Application US/10723940
; Publication No. US20040185468A1
; GENERAL INFORMATION:
; APPLICANT: Leonard, Sherry
; APPLICANT: Freeman, Robert
; TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Receptor
; FILE REFERENCE: VARD-07989
; CURRENT APPLICATION NUMBER: US/10/723,940
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 08/956,518
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-723-940-13

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 218 GCCTGGATGAGACTGGTGGT 237
    ||||| ||||| |||||
Db 20 GTCTGTATGGTAGTGGTGGT 1

RESULT 1064
US-10-394-808-57
; Sequence 57, Application US/10394808
; Publication No. US20040185559A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION
; FILE REFERENCE: BIOLO0003US
; CURRENT APPLICATION NUMBER: US/10/394,808
; CURRENT FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 152
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-394-808-57

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 481 CTACCGCTGACATCCGGCT 500
    ||||| ||||| |||||
Db 1 CTCCCAGCTGGCATCAGACT 20

RESULT 1065
US-10-394-808-125/c
; Sequence 125, Application US/10394808
; Publication No. US20040185559A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION
; FILE REFERENCE: BIOLO0003US
; CURRENT APPLICATION NUMBER: US/10/394,808
; CURRENT FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 152
; SEQ ID NO 125
; LENGTH: 20
; TYPE: RNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-394-808-125

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 481 CTACCGCTGACATCCGGCT 500
    ||||| ||||| |||||
Db 20 CTCCCAGCTGGCATCAGACT 1

RESULT 1066
```

-10-056-414-320
Sequence 320, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/056,414
FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 320:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 320:
-10-056-414-320
Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 5.8e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;
539 CCACTTTTGACAGC 553
||||:|||||
1 CCAUUCUUGACAUC 15
SULT 1067
-10-043-875-413
Sequence 413, Application US/10043875
Publication No. US20030054339A1
GENERAL INFORMATION:
APPLICANT: De Smet, Koenraad
APPLICANT: Stuyver, Lieve
TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
TITLE OF INVENTION: transcritase Gene
FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)

; CURRENT APPLICATION NUMBER: US/10/043,875
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 60/286,102
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 413
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus
US-10-043-875-413
Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 867 GCAGTACCTGGATGA 881
|||||
DB 1 GCAGTACGTGGATGA 15
RESULT 1068
US-10-418-182-194
; Sequence 194, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551-2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 194
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-194
Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 231 TGGTGGTGGTGGCGG 245
|||||
DB 1 TGGTGGTGGTGGTGG 15
RESULT 1069
US-10-138-674-4075/c
; Sequence 4075, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4075
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4075

Query Match 0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.8e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1501 ACTTCCATATTGCA 1515
| | | | | | | | | | | | | | |
DB 15 ATTTCATATTGCA 1

RESULT 1070

US-10-287-949A-4075/c

; Sequence 4075, Application US/10287949A

; Publication No. US20040102389A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/287,949A

; CURRENT FILING DATE: 2003-04-11

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4075

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-287-949A-4075

Query Match

Best Local Similarity 93.3%; Pred. No. 5.8e+02; Length 15;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY 1501 ACTTCCATATTGCA 1515
| | | | | | | | | | | | | | |
DB 15 ATTTCATATTGCA 1

RESULT 1071

US-10-138-674-6994/c

; Sequence 6994, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MBH00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6994

; LENGTH: 16

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-138-674-6994

Query Match

Best Local Similarity 93.3%; Pred. No. 6.2e+02; Length 16;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 66
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108-66

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1181 ATGAGATGGCCACAG 1195
|||||||
17 ATGAGATGGACACAG 3

RESULT 1074
-09-866-108-67/c
Sequence 67, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 67
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-67

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCACAG 1195
|||||||
Db 16 ATGAGATGGACACAG 2

RESULT 1075
US-09-866-108-68/c
Sequence 68, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00659
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 68
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-68
Query Match 0.8%; Score 13.4; DB 1; Length 17;

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 8898
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108-8898

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

165 ACTCGAGGTGCGCG 179
|||||
15 ACTCGAGGTGCGCG 1

SULT 1079
-09-827-998-546
Sequence 546, Application US/09827998
Patent No. US20020102252A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-09-827-998-546

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTGCTTCTGCACG 303
|||||
Db 1 CTTGCTTCTGCAAG 15

RESULT 1080
US-09-263-959-904/c
; Sequence 904, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 904:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCG 245
|||||
Db 17 TGGTGGTGGTGGTG 3

RESULT 1081
US-09-864-785-408/c
; Sequence 408, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785

```
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-408

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 ATCAACGGCAGCTG 156
DQ 16 ATCAAACTGCAGCTG 2

RESULT 1082
US-09-864-785-1593/c
; Sequence 1593, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1593
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1593

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 ATCAACGGCAGCTG 156
DQ 15 ATCAAACTGCAGCTG 1

RESULT 1083
US-09-864-785-2740
; Sequence 2740, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2740

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 539 CCATCTTGTGACAGC 553
DQ 1 CCACUUTUGACAUC 15

RESULT 1084
US-09-825-805-437/c
; Sequence 437, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 437
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-437

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941
DQ 16 CCAGCTGCACCGTGG 2

RESULT 1085
US-09-825-805-503
; Sequence 503, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
```

FILE REFERENCE: MBHB00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 09/578,223
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: PatentIn version 3.0
SEQ ID NO 503
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-825-805-503

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

49 CCAGCAGTGTGACTG 63
|||||:|:|:|:
3 CCAGCUGUGACUG 17

SULT 1086

-09-927-046-338
Sequence 338, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 338
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-927-046-338

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 6.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

673 AGCAGCTCAGAC 687
|||||:|:|:|:
1 AGCAGCUCACAAAC 15

SULT 1087

-09-927-046-810
Sequence 810, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 810
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-927-046-810

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1577 GCAGCCAGCTTTC 1591
|||||:|:|:|:
2 GCAGCCAGCUUUC 16

RESULT 1088

US-09-927-046-1189
Sequence 1189, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
APPLICANT: Szymkowski, Edmund
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channel-1
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1189
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-927-046-1189

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 146 AACGCGAGCTGCAA 160
|||||:|:|:|:
3 AACGCGAGCUGCAA 17

RESULT 1089

US-09-927-046-1190
Sequence 1190, Application US/09927046
Publication No. US20030064946A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave

```
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1190
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1190

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 147 ACGGCGAGCTGCTCAAT 161
Db 1 ACUGGAGCGUUGAUU 15

RESULT 1090
US-09-927-046-1237
; Sequence 1237, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1237

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 604 AAACGGGAGACCTAC 618
Db 3 AAACUUGAGACCUAC 17

RESULT 1091
US-09-927-046-1500
; Sequence 1500, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
```

```
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1500
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1500

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1577 GCAGGCGAGCTTTCC 1591
Db 1 GCAGGCGAGCUUUC 15

RESULT 1092
US-09-927-046-1553
; Sequence 1553, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1553
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1553

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 6.6e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACAGA 686
Db 3 AAGCAAGCUACAAA 17

RESULT 1093
US-09-927-046-1662
; Sequence 1662, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1662
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LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-927-046-1662

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

605 AACTGGAGACTTACA 619
||: |||||: |||
1 AACUUGAGACCUACA 15

SULT 1094
-09-877-478-791
Sequence 791, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 791
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
-09-877-478-791

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

1390 CTCACCAAGCTGTTG 1404
3 CUCACCAACCUUG 17

SULT 1095
-09-877-478-1863
Sequence 1863, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-H (400/029)
```

```
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1863

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      1390 CTCACCAAGCTGTTG 1404
DB      2 CUCACCAACCUUG 16

RESULT 1096
US-09-877-478-2272/c
; Sequence 2272, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2272
```



```
Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCCATCTTT 546
DB 17 AATATCCCCCATCTTT 3

RESULT 1097
US-09-877-478-2273/c
; Sequence 2273, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2273

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCCATCTTT 546
DB 16 AATATCCCCCATCTTT 2

RESULT 1098
US-09-877-478-2274/c
; Sequence 2274, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
```

```
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2274

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCCATCTTT 546
DB 15 AATATCCCCCATCTTT 1

RESULT 1099
US-09-848-754A-301
; Sequence 301, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 301
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-301

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGTCTCA 1003
DB 3 CCCAGUACCGUCA 17

RESULT 1100
US-09-848-754A-1870
; Sequence 1870, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1870
; LENGTH: 17
```

```
TYPE: RNA
ORGANISM: Homo sapiens
-09-848-754A-1870

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1627 GGCCCCCAGCGGCG 1641
|||||
3 GGCCCCCAGCGGCGG 17

SULT 1101
-09-848-754A-2634
Sequence 2634, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
FILE OF INVENTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MHB00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2634
LENGTH: 17

TYPE: RNA
ORGANISM: Homo sapiens
-09-848-754A-2634

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1627 GGCCCCCAGCGGCG 1641
|||||
2 GGCCCCCAGCGGCGG 16

SULT 1102
-09-930-423-747/c
Sequence 747, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 747
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
-09-930-423-747

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

875 TGGATGACTGTGGGA 889
|||||
17 TGGATGACTGTGAGA 3

SULT 1103
-09-930-423-799/c
Sequence 799, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 799
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
-09-930-423-799

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

875 TGGATGACTGTGGGA 889
|||||
17 TGGATGACTGTGAGA 3

Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 799
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-799

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 721 CATGAAGAGGGCGCA 735
|||||
DB 17 CATGAAGAGGGCGCA 3

RESULT 1104
US-09-930-423-800/c
Sequence 800, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 800
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-800

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 721 CATGAAGAGGGCGCA 735
|||||
DB 16 CATGAAGAGGGCGCA 2

RESULT 1105
US-09-930-423-1289/c
Sequence 1289, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MHB00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1289
LENGTH: 17

TYPE: RNA
ORGANISM: Homo Sapiens
```

US-09-930-423-1289

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 TGGATGACTGTGGGA 889
||| ||||| ||||| ||
DB 16 TGGATGACTGTGAGA 2

RESULT 1106

US-09-780-164-630/c
; Sequence 630, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 630
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-780-164-630

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 396 TGAGGTGCAGTCTCC 410
||| ||||| ||||| ||
DB 17 TCAGGTGCAGTCTCC 3

RESULT 1107

US-09-780-164-631/c
; Sequence 631, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09

; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 631
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-780-164-631

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 395 ATCAGGTGCAGTCTC 409
||| ||||| ||||| ||
DB 15 ATCAGGTGCAGTCTC 1

RESULT 1108

US-09-740-332-651/c
; Sequence 651, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence

; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-651

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448

||| ||||| ||||| ||

DB 17 AGAGGATGCCATGCA 3

RESULT 1109

US-09-740-332-3903
; Sequence 3903, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-3903

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 80.0%; Pred. No. 6.6e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATG 1446

||| ||||| ||||| ||

DB 2 GGAGAGGAUGCCCAUG 16

RESULT 1110

US-09-740-332-3904
; Sequence 3904, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-3903

CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3904
LENGTH: 17
TYPE: RNA

ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-740-332-3904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAA 1448
|||||:||||:|
2 AGAGGAUGCCCAUGCA 16

SULT 1111
-09-745-237A-747/c
Sequence 747, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 747
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-745-237A-747

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
875 TGGATGACTGTGGGA 889
|||||:|||||
17 TGGATGACTGTGAGA 3

SULT 1112
-09-745-237A-799/c
Sequence 799, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 799
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-09-745-237A-799
Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 721 CATGAAGAGGGCGCA 735
|||||:|||||
Db 17 CATGAAGAGGGCGCA 3

RESULT 1113
US-09-745-237A-800/c
Sequence 800, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 800
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-800

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 721 CATGAAGAGGGCGCA 735
|||||:|||||
Db 16 CATGAAGAGGGCGCA 2

RESULT 1114
US-09-745-237A-1289/c
Sequence 1289, Application US/09745237A
Publication No. US20030143708A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: 400/007 (MBH00-918-A)
CURRENT APPLICATION NUMBER: US/09/745,237A
CURRENT FILING DATE: 2002-04-15
NUMBER OF SEQ ID NOS: 4550
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1289
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-745-237A-1289

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 875 TGGATGACTGTGGGA 889
|||||:|||||
Db 16 TGGATGACTGTGAGA 2

RESULT 1115
US-09-817-879-651/c
Sequence 651, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

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; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-651

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448
DB 17 AGAGGATGCCATGCA 3

RESULT 1116
US-09-817-879-3903
; Sequence 3903, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3903

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATG 1446
DB 2 GGAGAGGAUGCCCAUG 16

RESULT 1117
US-09-817-879-3904
; Sequence 3904, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3904
; LENGTH: 17
; TYPE: RNA
```

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; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3904

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448
DB 2 AGAGGAUGCCAUGCA 16

RESULT 1118
US-10-020-038-6/c
; Sequence 6, Application US/10020038
; Publication No. US20020156247A1
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1013
; CURRENT APPLICATION NUMBER: US/10/020,038
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US/09/488,364
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-020-038-6

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGCCC 1047
DB 17 GACTTTGGCTGTCC 3

RESULT 1119
US-10-060-756A-62/c
; Sequence 62, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
```

PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 62
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-62

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

41 CAGGAGGACACGAG 55
|||||
17 CAGGAGGACACGAG 3

SULT 1120
-10-060-756A-65/c
Sequence 65, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 65
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-060-756A-65

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

40 GCAGGAGGACACGCA 54
|||||
15 GCAGGAGGACACGCA 1

SULT 1121
-10-163-552-248
Sequence 248, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
FILE REFERENCE: MHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06

NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 248
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-248

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCACGAGTGTGACTG 63
|||||
DB 3 CCAGCUGUGACUG 17

RESULT 1122
US-10-163-552-597/c
Sequence 597, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
TITLE OF INVENTION: HER2
FILE REFERENCE: MHB01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: PatentIn version 3.0
SEQ ID NO 597
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-597

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941
|||||
DB 16 CCAGCTGCACCGTGG 2

RESULT 1123
US-10-156-306-4452/c
Sequence 4452, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4452
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-4452

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGGACGAG 44
|||||
DB 16 GGAGAGGTAGGACGAG 2

```
RESULT 1124
US-10-156-306-5037/c
; Sequence 5037, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5037
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5037

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 AGAGGTAGGCAGGAG 46
DB 16 AGAGGTAGGCAGGGG 2

RESULT 1125
US-10-156-306-5923/c
; Sequence 5923, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5923
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5923

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 AGAGGTAGGCAGGAG 46
DB 16 AGAGGTAGGCAGGGG 2

RESULT 1126
US-10-156-306-7022/c
; Sequence 7022, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7022
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7022

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTC 936
DB 15 CTGCTCCAGCTGCTC 1

RESULT 1127
US-10-238-700-2910/c
; Sequence 2910, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2910
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2910

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 80 GGCCCGCGGCTCTG 94
DB 16 GGCCCGCGGCTGCTG 2

RESULT 1128
US-10-238-700-3438/c
; Sequence 3438, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3438
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3438

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 80 GGCCCGCGGCTCTG 94
DB 16 GGCCCGCGGCTGCTG 2
```

```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
752 GGGAGTGTCCCTGC 766
|||||
17 GGGAGTGTCCCTGC 3

SULT 1129
-10-238-700-3439/c
Sequence 3439, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBH01-1158-A)
CURRENT FILING DATE: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3439
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-10-238-700-3439

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

752 GGGAGTGTCCCTGC 766
|||||
15 GGGAGTGTCCCTGC 1

SULT 1130
-10-061-201-977
Sequence 977, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 977
LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-977

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1242 CATCTTCGTATCTT 1256
|||||
DB 3 CATCTTCGTATCTT 17

RESULT 1131
US-10-061-201-978
Sequence 978, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 978
LENGTH: 17
TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-978

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1242 CATCTTCGTATCTT 1256
|||||
DB 2 CATCTTCGTATCTT 16

RESULT 1132
US-10-061-201-979
Sequence 979, Application US/10061201
Publication No. US20030166229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 979
LENGTH: 17
```


PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aesomica Sequence Listing Engine
SEQ ID NO 1806
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
-10-061-201-1806

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1451 ATCCATTCTCTCTCA 1465
|||||||
15 ATCCATTCTTCTCA 1

SULT 1136
-10-342-902-791
Sequence 791, Application US/10342902
Publication No. US20040054156A1

GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15

PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1998-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 791
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
-10-342-902-791

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

1390 CTCACCAAGCTGTG 1404
|:||||| |:|:
3 CUCACCAACCCUGUG 17

RESULT 1137

US-10-342-902-1863
; Sequence 1863, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1863

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 6.6e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTG 1404
|:||||| |:|:
Db 2 CUCACCAACCCUGUG 16

RESULT 1138

US-10-342-902-2272/c
; Sequence 2272, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430

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; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-2272

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
    ||||| ||||| |||||
Db 17 AATATCCCCATCTTT 3

RESULT 1139
US-10-342-902-2273/c
; Sequence 2273, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-2273

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
    ||||| ||||| |||||
Db 16 AATATCCCCATCTTT 2

RESULT 1140
US-10-342-902-2274/c
; Sequence 2274, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave

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; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-2274

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
    ||||| ||||| |||||
Db 15 AATATCCCCATCTTT 1

RESULT 1141
US-10-675-685-546
; Sequence 546, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PE0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-546

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTTCGTTCTGCACGG 303
    ||||| ||||| |||||
Db 1 CTTTCGTTCTGCACGG 15

RESULT 1142
US-10-138-674-474/c
; Sequence 474, Application US/10138674
; Publication No. US2004007565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

```
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 474
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-10-138-674-474

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1501 ACTTCCATATTGCA 1515
|||||
16 ATTCCATATTGCA 2

SULT 1143
-10-138-674-1988
Sequence 1988, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1988
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
-10-138-674-1988

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 6.6e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

1032 TGACTTTGGCCGCGC 1046
|||||
3 UGACUUUGGCUUGGC 17

SULT 1144
-10-138-674-4764/C
Sequence 4764, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
```

```
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4764
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-4764

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1504 TCCATATTGCACTA 1518
|||||
17 TCCATATTGCACTA 3

Db

RESULT 1145
US-10-138-674-8569/C
Sequence 8569, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8569
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-8569

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1054 AAGTCAATCCCAACA 1068
|||||
16 AAGTCAATCCCAACA 2

Db

RESULT 1146
US-10-138-674-9266
Sequence 9266, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 9266
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-9266

Query Match          0.8%; Score 13.4; DB 1; Length 17;
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```
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Q/ 1518 AAAGGAGATTTCAGCT 1532
Db 2 AAAGGACAUCAGCU 16
||||| |:||||:
|:||||| |:|||||

RESULT 1147
US-10-287-949A-474/c
; Sequence 474, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 474
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-474

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 1501 ACTTCATATTTCGA 1515
Db 16 ATTTCATATTTCGA 2
||||| |:|||||
|:||||| |:|||||

RESULT 1148
US-10-287-949A-1988
; Sequence 1988, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1988
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1988

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 6.6e+02;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Q/ 1032 TGACTTTGGCTGCG 1046
Db 3 UGACUUGGCUUGGC 17
||||| |:|||||
|:||||| |:|||||

RESULT 1149
```

```
US-10-287-949A-4764/c
; Sequence 4764, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-4764

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 1504 TCCATATTTCAGTA 1518
Db 17 TCCATATTTCAGTA 3
||||| |:|||||
|:||||| |:|||||

RESULT 1150
US-10-287-949A-8569/c
; Sequence 8569, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8569

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q/ 1054 AAGTCATATCCCAACA 1068
Db 16 AAGTCATATCCCAACA 2
||||| |:|||||
|:||||| |:|||||

RESULT 1151
US-10-287-949A-9266
; Sequence 9266, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Endothelial Cells
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MH00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 9266

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-10-287-949A-9266

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 6.6e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

1518 AAAGGAGATTGAGT 1532

||||| :|||:

2 AAAGGACAUUCGU 16

SUIT 1152

-10-669-841-791

Sequence 791, Application US/10669841

Publication No. US20040127446A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

APPLICANT: Pamela, Pavco

APPLICANT: Patrice, Lee

APPLICANT: Kenneth, Draper

APPLICANT: Elisabeth, Roberts

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS WRAPPER OR PALM.

FILE REFERENCE: 400/042US (MH002-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

PRIOR APPLICATION NUMBER: PCT/US02/09187

PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: US 60/335,059

PRIOR FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: US 60/337,055

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 09/817,879

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 09/740,332

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: US 09/611,931

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 09/504,321

PRIOR FILING DATE: 2000-02-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 16207

SOFTWARE: PatentIn version 3.0

SEQ ID NO 791

LENGTH: 17

TYPE: RNA

ORGANISM: Hepatitis B Virus

-10-669-841-791

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 66.7%; Pred. No. 6.6e+02;

Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTG 1404

||||| :|||:

Db 3 CUCACCAACUGUUG 17

RESULT 1153

US-10-669-841-1845

Sequence 1845, Application US/10669841

Publication No. US20040127446A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

APPLICANT: Pamela, Pavco

APPLICANT: Patrice, Lee

APPLICANT: Kenneth, Draper

APPLICANT: Elisabeth, Roberts

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS B VIRUS WRAPPER OR PALM.

FILE REFERENCE: 400/042US (MH002-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

PRIOR APPLICATION NUMBER: PCT/US02/09187

PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: US 60/335,059

PRIOR FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: US 60/337,055

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 09/817,879

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 09/740,332

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: US 09/611,931

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 09/504,321

PRIOR FILING DATE: 2000-02-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 16207

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1845

LENGTH: 17

TYPE: RNA

ORGANISM: Hepatitis B Virus

US-10-669-841-1845

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 66.7%; Pred. No. 6.6e+02;

Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTG 1404

||||| :|||:

Db 2 CUCACCAACUGUUG 16

RESULT 1154

US-10-669-841-2075/c

Sequence 2075, Application US/10669841

Publication No. US20040127446A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

```
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2075

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGGCCCATCTTT 546
Db 17 AATATCCCATCTTT 3

RESULT 1155
US-10-669-841-2076/c
; Sequence 2076, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2075
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; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2076

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGGCCCATCTTT 546
Db 16 AATATCCCATCTTT 2

RESULT 1156
US-10-669-841-2077/c
; Sequence 2077, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2076
```


APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: James, McSwiggen

APPLICANT: David, Morrissey

APPLICANT: Pamela, Pavco

APPLICANT: Patricia, Lee

APPLICANT: Kenneth, Draper

APPLICANT: Elisabeth, Roberts

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIS C VIRUS

FILE REFERENCE: 400/042US (MBH02-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

PRIOR APPLICATION NUMBER: PCT/US02/09187

PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: US 60/335,059

PRIOR FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: US 60/337,055

PRIOR FILING DATE: 2001-12-05

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 09/817,879

PRIOR FILING DATE: 2001-03-26

PRIOR APPLICATION NUMBER: US 09/740,332

PRIOR FILING DATE: 2000-12-18

PRIOR APPLICATION NUMBER: US 09/611,931

PRIOR FILING DATE: 2000-07-07

PRIOR APPLICATION NUMBER: US 09/504,321

PRIOR FILING DATE: 2000-02-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 16207

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6497

LENGTH: 17

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-10-669-841-6497

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 80.0%; Pred. No. 6.6e+02;

Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGGCCATGAA 1448

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2 AGAGGAUGCAUGCA 16

RESULT 1160

US-10-723-361-66/c

Sequence 66, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeonica Sequence Listing Engine

SEQ ID NO 66

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-723-361-66

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 ATGAGTGGCCACAG 1195

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17 ATGAGTGGACACAG 3

RESULT 1161

US-10-723-361-67/c

Sequence 67, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 67

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-723-361-67

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1181 ATGAGATGCCACAG 1195

|||||

16 ATGAGATGCCACAG 2

SULT 1162

-10-723-361-68/c

Sequence 68, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 68

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

-10-723-361-68

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1181 ATGAGATGCCACAG 1195

|||||

15 ATGAGATGCCACAG 1

RESULT 1163

US-10-723-361-8896/c

Sequence 8896, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aecomica Sequence Listing Engine

SEQ ID NO 8896

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-723-361-8896

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 6.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 165 ACTCGAGGTGGCG 179

|||||

Db 17 ACTCGAGGTGGCG 3

RESULT 1164

US-10-723-361-8897/c

Sequence 8897, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

PRIOR APPLICATION NUMBER: US 09/866,108

PRIOR FILING DATE: 2001-05-25

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8997
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8897

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      165 ACTCCGAGGTGGCGC 179
      ||||| ||||| |||||
Db      16 ACTCGAGGTGGCGC 2

RESULT 1165
US-10-723-361-8898/c
; Sequence 8898, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 60/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8898
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8898

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      165 ACTCCGAGGTGGCGC 179
      ||||| ||||| |||||
Db      15 ACTCGAGGTGGCGC 1

RESULT 1166
US-09-194-842A-11/c
; Sequence 11, Application US/09194842A
; Publication No. US20020110807A1
; GENERAL INFORMATION:
; APPLICANT: Pilarski, Linda M.
; APPLICANT: Belch, Andrew R.
; APPLICANT: Szczepek, Agnieszka J.
; TITLE OF INVENTION: METHODS FOR DETECTION OF REARRANGED DNA
; FILE REFERENCE: STI-008USCPA
; CURRENT APPLICATION NUMBER: US/09/194,842A
; CURRENT FILING DATE: 1999-01-04
; PRIOR APPLICATION NUMBER: US 60/019,106
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: PCT/US97/09534
; PRIOR FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-194-842A-11

Query Match      0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      383 CCACGTCCTCGGATG 397
      ||||| ||||| |||||
Db      16 CCACGTCCTCGGAGG 2

RESULT 1167
US-10-349-143-8777
; Sequence 8777, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Iliya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8777
; LENGTH: 18
```

```
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-18179 for SEQ 912, in complete
-10-349-143-8777

Query Match          0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1673 CAGCCCCCAACTACA 1687
|||||
3 CAGCCCTCAACTACA 17

SULT 1168
-09-969-373-1566
Sequence 1566, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1566
LENGTH: 19
TYPE: DNA
ORGANISM: Glycine max
-09-969-373-1566

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1081 AATGAGTGGTGACA 1095
|||||
4 AATGTTGGTGTGACA 18

SULT 1169
-09-818-875-4375/c
Sequence 4375, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gauper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
```

```
; SEQ ID NO 4375
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-818-875-4375

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      802 CATGACATTATCCAC 816
      |||||||
DB      16 CAGGACATTATCCAC 2

RESULT 1170
US-10-166-218-4
Sequence 4, Application US/10166218
Publication No. US20030073107A1
GENERAL INFORMATION:
APPLICANT: JUPE, Eldon R.
APPLICANT: THOMPSON, LINDA F.
APPLICANT: RESTA, Regina (NMI)
APPLICANT: DELL'ORCO, Robert T.
TITLE OF INVENTION: Diagnostic Assay for Cancer Susceptibility
FILE REFERENCE: 11146/09208
CURRENT APPLICATION NUMBER: US/10/166,218
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US/09/530,976
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/064,880
PRIOR FILING DATE: 1997-11-06
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)..(19)
OTHER INFORMATION: DNA primer
US-10-166-218-4

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      566 GCCTCCGTCGTGTCA 580
      |||||||
DB      2 GCCTCCGTCGTGTCA 16

RESULT 1171
US-10-251-117-134
Sequence 134, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
```

```
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 134
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-134

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 73.3%; Pred. No. 7.4e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGGAGAGTG 370
      |||:|||||:|
      2 CUGAUGGGGAGAUG 16

RESULT 1172
US-10-251-117-383/c
; Sequence 383, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 383
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-383

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGGAGAGTG 370
      |||:|||||:|
      18 CTGATGGGGAGAATG 4

RESULT 1173
US-10-251-117-795
; Sequence 795, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
```

```
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 795
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-795

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1627 GGCCCCCAGCAGGCAG 1641
      |||:|||||:|
      2 GGCCCCCAGCAGGCAG 16

RESULT 1174
US-10-251-117-1102/c
; Sequence 1102, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1102
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-1102

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1627 GGCCCCCAGCAGGCAG 1641
      |||:|||||:|
      18 GGCCCCCAGCAGGCAG 4
```

```
SULT 1175
-10-128-456-30/c
Sequence 30, Application US/10128456
Publication No. US20030204874A1
GENERAL INFORMATION:
APPLICANT: Korea Kumho Petrochemical Co., Ltd.
TITLE OF INVENTION: Transgenic Plants with Enhanced Stress Tolerance
FILE REFERENCE: 1942/51
CURRENT APPLICATION NUMBER: US/10/128,456
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 30
LENGTH: 19
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
OTHER INFORMATION: PCR Primer
-10-128-456-30

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Gaps 0;
Indels 0;

958 CGGCAGAGAGGTGCTA 972
|||||
15 CTGCAGAGAGGTGCTA 1

SULT 1176
-10-209-787-4375/c
Sequence 4375, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 4375
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
-10-209-787-4375

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Gaps 0;
Indels 0;

802 CATGACATTATCCAC 816
|||||
16 CAGGACATTATCCAC 2
```

```
RESULT 1177
US-10-307-005-2707/c
; Sequence 2707, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2707
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-10-307-005-2707

Query Match          0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      802 CATGACATTATCCAC 816
DB      16 CAGGACATTATCCAC 2

RESULT 1178
US-10-261-185-4375/c
; Sequence 4375, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4375
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: Oligonucleotide

K-10-261-185-4375

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 CATGACATTATCCAC 816

Db 16 CAGGACATTATCCAC 2

RESULT 1179

US-10-016-248-137/c

Sequence 137, Application US/10016248

Publication No. US20040033491A1

GENERAL INFORMATION:

APPLICANT: Alsobrook et al.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

CURRENT APPLICATION NUMBER: US/10/016,248

PRIOR FILING DATE: 2002-09-20

PRIOR APPLICATION NUMBER: 60/254,329

PRIOR FILING DATE: 2000-12-08

PRIOR APPLICATION NUMBER: 60/291,037

PRIOR FILING DATE: 2001-05-15

PRIOR APPLICATION NUMBER: 60/255,648

PRIOR FILING DATE: 2000-12-14

PRIOR APPLICATION NUMBER: 60/297,173

PRIOR FILING DATE: 2001-06-08

PRIOR APPLICATION NUMBER: 60/309,258

PRIOR FILING DATE: 2001-07-31

PRIOR APPLICATION NUMBER: 60/326,393

PRIOR FILING DATE: 2001-10-01

PRIOR APPLICATION NUMBER: 60/315,639

PRIOR FILING DATE: 2001-08-29

NUMBER OF SEQ ID NOS: 167

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 137

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

OTHER INFORMATION: primer

US-10-016-248-137

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1391 TCACCAAGTGTGTC 1405

Db 15 TCACCATGCTGTGTC 1

RESULT 1180

US-10-444-795B-355

Sequence 355, Application US/10444795B

Publication No. US2004007574A1

GENERAL INFORMATION:

APPLICANT: Klinghoffer, Richard

APPLICANT: Lewis, Stephen Patrick

TITLE OF INVENTION: MODULATION OF BIOLOGICAL SIGNAL

TITLE OF INVENTION: TRANSDUCTION BY RNA INTERFERENCE

FILE REFERENCE: 200125.449

CURRENT APPLICATION NUMBER: US/10/444,795B

CURRENT FILING DATE: 2003-05-23

NUMBER OF SEQ ID NOS: 842

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 355

LENGTH: 19

TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Small interfering RNA

US-10-444-795B-355

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 7.4e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 973 CACCGAGACCTCAAG 987

Db 3 CACCAAGACCUCAAG 17

RESULT 1181

US-10-469-552-10/c

Sequence 10, Application US/10469552

Publication No. US2004017111A1

GENERAL INFORMATION:

APPLICANT: Immunogenics AG

TITLE OF INVENTION: Polypeptide of a p53-Protein-Specific Murine Alpha/Beta T-Cell Receptor

FILE REFERENCE: 03-831

CURRENT APPLICATION NUMBER: US/10/469,552

CURRENT FILING DATE: 2003-08-29

PRIOR APPLICATION NUMBER: DE 101 09 855.3

PRIOR FILING DATE: 2001-03-01

NUMBER OF SEQ ID NOS: 14

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10

LENGTH: 19

TYPE: DNA

ORGANISM: Mus musculus

US-10-469-552-10

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1173 CATCTTCTATGAGAT 1187

Db 17 CATCTTCTATGAGAT 3

RESULT 1182

US-10-017-621-81

Sequence 81, Application US/10017621

Publication No. US20030138952A1

GENERAL INFORMATION:

APPLICANT: Susan M. Freier

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

FILE REFERENCE: RTS-0350

CURRENT APPLICATION NUMBER: US/10/017,621

CURRENT FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-81

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1565 TGCCTGACTCAGGCA 1579

Db 4 TGCCTGACTCAGGCA 18

```
SULT 1183
-10-159-856-69/c
Sequence 69, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-159-856-69

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1027 CTGGCTGACTTTGGC 1041
|||||
15 CTGGCTGAGTTGGC 1

SULT 1184
-10-159-856-123
Sequence 123, Application US/10159856
Publication No. US20030228689A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0365
CURRENT APPLICATION NUMBER: US/10/159,856
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 123
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-159-856-123

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1027 CTGGCTGACTTTGGC 1041
|||||
6 CTGGCTGAGTTGGC 20

SULT 1185
-09-754-167-52/c
Sequence 52, Application US/09754167
Patent No. US20010019328A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION
FILE REFERENCE: RTS-0140
CURRENT APPLICATION NUMBER: US/09/754,167
CURRENT FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-754-167-52/c

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1027 CTGGCTGACTTTGGC 1041
|||||
6 CTGGCTGAGTTGGC 20
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-754-167-52

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      844 GAGTACCTGGACAAG 858
      |||||
DB      20 GAGTACCTGGAGAAG 6

RESULT 1186
US-09-791-942-26
; Sequence 26, Application US/09791942
; Patent No. US20020147166A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-26

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1537 AAGGAGGCCAGCCTT 1551
      |||||
DB      1 AAGGAAGCCAGCCTT 15

RESULT 1187
US-09-817-487A-3
; Sequence 3, Application US/09817487A
; Patent No. US20020150876A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020150876A1artis AG
; TITLE OF INVENTION: Selectable Marker Genes
; FILE REFERENCE: 4-31193A
; CURRENT APPLICATION NUMBER: US/09/817,487A
; CURRENT FILING DATE: 2002-02-14
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-817-487A-3

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      285 GGAACCTTCGTTCTGC 299
      |||||
DB      6 GGAACCTTCGTTCTGC 20

RESULT 1188
```


US-09-863-049A-20
; Sequence 20, Application US/09863049A
; Publication No. US20030032055A1
; GENERAL INFORMATION:
; APPLICANT: Kenwick, Sue J.
; APPLICANT: Nelson, David L.
; APPLICANT: Aradhyia, Swaroop
; APPLICANT: D'Urso, Michele
; APPLICANT: Woffendin, Hayley
; APPLICANT: Munnich, Arnold
; APPLICANT: Smahi, Asmae
; APPLICANT: Israel, Alain
; APPLICANT: Poustka, Annemarie
; APPLICANT: Lewis, Richard A
; APPLICANT: Levy, Moise
; APPLICANT: Heiss, Nina
; TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with Def
; FILE REFERENCE: H0-P01961US1
; CURRENT APPLICATION NUMBER: US/09/863,049A
; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/206,223
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-863-049A-20

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 70 CCCAGGTGAGGGCCC 84
||||| |||||||
Db 6 CCCAGGTGAGGGCCC 20

RESULT 1189
US-09-802-110B-83/c
; Sequence 83, Application US/09802110B
; Publication No. US20030082535A1
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; Hui, May
; Dunn, James M.
; LaCroix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR
; DETECTION AND IDENTIFICATION OF MICROORGANISMS
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson LLP
; STREET: PO Box 5068
; CITY: Dillon
; STATE: CO
; COUNTRY: US
; ZIP: 80435
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/802,110B
; FILING DATE: 07-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.

REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN P-058-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (970) 468-6600
TELEFAX: (970) 468-0104
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: Double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 83:
US-09-802-110B-83

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1278 GTGGCCAGGCATCCT 1292
||||| |||||||
Db 16 GTGTCCAGGCATCCT 2

RESULT 1190
US-09-919-197-74/c
; Sequence 74, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-74

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 CGAGGTGGCGGAGGC 183
||||| |||||||
Db 19 CGAGGTGGCTGAGGC 5

RESULT 1191
US-09-745-167A-52/c
; Sequence 52, Application US/09745167A
; Publication No. US20040204373A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 1 EXPRESSION
; FILE REFERENCE: RTS-0140
; CURRENT APPLICATION NUMBER: US/09/745,167A
; CURRENT FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-745-167A-52

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

844 GAGTACCTGGAGCAAG 858
|||
20 GAGTACCTGGAGCAAG 6

SULT 1192
-10-010-920-93
Sequence 93, Application US/10010920
Publication No. US20030027165A1
GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences
FILE REFERENCE: 98,723-E3
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer ON-DinB1-F3
-10-010-920-93

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

537 CCCCATCTTTGACAA 551
|||
4 CCCCACTTTGACAA 18

SULT 1193
-10-187-586-5/c
Sequence 5, Application US/10187586
Publication No. US20030082666A1
GENERAL INFORMATION:
APPLICANT: Wake Forest University
APPLICANT: Kammer, Gary M.
APPLICANT: Mishra, Nilamadhab
TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
FILE REFERENCE: 9151-10DV
CURRENT APPLICATION NUMBER: US/10/187,586
CURRENT FILING DATE: 2002-09-23
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
-10-187-586-5

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

38 AGGCAGGAGGACCAG 52

Db 19 AGTCAGGAGGACCAG 5
|||
|||

RESULT 1194
US-10-008-721-93
Sequence 93, Application US/10008721
Publication No. US20030082745A1
GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: TNF-Inducible Promoters and Methods for Using
FILE REFERENCE: 98,723-E1
CURRENT APPLICATION NUMBER: US/10/008,721
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer ON-DinB1-F3
US-10-008-721-93

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 537 CCCCATCTTTGACAA 551
|||
Db 4 CCCCACTTTGACAA 18

RESULT 1195
US-10-271-887-106
Sequence 106, Application US/10271887
Publication No. US20030087871A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
FILE REFERENCE: RTS-0183
CURRENT APPLICATION NUMBER: US/10/271,887
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/659,845A
PRIOR FILING DATE: 2001-07-23
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-271-887-106

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GCACCTGCACCGCC 747
|||
Db 1 GCACCTGCATCGCC 15

RESULT 1196
US-10-001-076-162/c
Sequence 162, Application US/10001076
Publication No. US20030096775A1
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Andrew T. Watt

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/001,076
; CURRENT FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-076-162

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 338 AGGACTTGAAGTGG 352
    |||||
Db 20 AGGACTTGAACATGG 6

RESULT 1197
US-10-001-844-37
; Sequence 37, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-37

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1211 CGGGCTCCACGGTGG 1225
    |||||
Db 5 CGGGCTCCCGGTGG 19

RESULT 1198
US-10-151-481A-5/c
; Sequence 5, Application US/10151481A
; Publication No. US20030114525A1
; GENERAL INFORMATION:
; APPLICANT: Wake Forest University
; APPLICANT: Kammer, Gary M.
; APPLICANT: Mishra, Nilamadhav
; TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
; FILE REFERENCE: 9151-101P
; CURRENT APPLICATION NUMBER: US/10/151,481A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US 09/718,195
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-151-481A-5

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 38 AGGAGGAGGACCAG 52
    |||||
Db 19 AGTCAGGAGGACCAG 5

RESULT 1199
US-10-139-604-9/c
; Sequence 9, Application US/10139604
; Publication No. US20030124551A1
; GENERAL INFORMATION:
; APPLICANT: METRIS THERAPEUTICS LIMITED
; APPLICANT: LNEINCEK, Mirna
; APPLICANT: PAPPA, Helen
; TITLE OF INVENTION: AGENTS IMPLICATED IN ENDOMETRIOSIS
; FILE REFERENCE: 1396-1-006
; CURRENT APPLICATION NUMBER: US/10/139,604
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: GB 9926081.2
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926074.7
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926079.6
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926076.2
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: SeqWin99, version 1.02
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' RT-PCR primer for Cathepsin D
US-10-139-604-9

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 AGGACATCAACAGC 472
    |||||
Db 16 AGGACATCAAGAAGC 2

RESULT 1200
US-10-238-442-65/c
; Sequence 65, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
```

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
-10-238-442-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1638 GCAGCGGCTGAGGG 1652
15 GCAGCGGCTGAGGG 1

SULT 1201
-10-032-585-5632
Sequence 5632, Application US/10032585
Publication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5632
LENGTH: 20
TYPE: DNA
ORGANISM: Candida albicans
-10-032-585-5632

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

656 CCGTCTACAAAGGCA 670
3 CCGTCTACAAAGGCA 17

SULT 1202
-10-168-844-24/c
Sequence 24, Application US/10168844
Publication No. US20030217392A1
GENERAL INFORMATION:
APPLICANT: BASF PLANT SCIENCE GMBH
TITLE OF INVENTION: PROTEIN KINASE STRESS-RELATED PROTEINS AND METHODS OF
USE IN PLANTS
FILE REFERENCE: 16313-0007
CURRENT APPLICATION NUMBER: US/10/168,844
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: PCT/US00/34970
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/171,745
PRIOR FILING DATE: 1999-12-22
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-168-844-24

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 574 CGTCTCAGCCTATCT 588
Db 19 CGTCTCAGCCTATCT 5
RESULT 1203
US-10-163-272-19/c
; Sequence 19, Application US/10163272.
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-163-272-19

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAAGCT 524
Db 15 CTACCTGGAGAAGCT 1

RESULT 1204
US-10-163-272-96
; Sequence 96, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-163-272-96

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAAGCT 524
Db 6 CTACCTGGAGAAGCT 20

RESULT 1205
US-10-173-718-52/c
; Sequence 52, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125

```
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-52

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 76 GGAGGGCCCCCGCGC 90
    ||||| |||||
Db 17 GGAGGGCCCCCGCGC 3

RESULT 1206
US-10-173-718-106
; Sequence 106, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-718-106

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 76 GGAGGGCCCCCGCGC 90
    ||||| |||||
Db 4 GGAGGGCCCCCGCGC 18

RESULT 1207
US-10-177-554-48/c
; Sequence 48, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-48

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 123 CATGGATCGGATGAA 137
    ||||| |||||
Db 20 CATGGCTCGGATGAA 6

RESULT 1208
US-10-177-554-184
; Sequence 184, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-184

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 123 CATGGATCGGATGAA 137
    ||||| |||||
Db 1 CATGGCTCGGATGAA 15

RESULT 1209
US-10-349-143-7238/c
; Sequence 7238, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-3109 for SEQ 3304,
US-10-349-143-7238

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1235 TACACTTCATCTTCC 1249
    ||||| |||||
Db 17 TTCACTTCATCTTCC 3

RESULT 1210
US-10-289-762-2555
; Sequence 2555, Application US/10289762
; Publication No. US20040006218A1
```

```
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
of thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2555
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
-10-289-762-2555

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1224 GGAGGACAGCTACA 1238
|||||
1 GGAGGACAGCTACA 15

SULT 1211
-10-289-762-5490/c
Sequence 5490, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
of thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 5490
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
-10-289-762-5490

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

778 AAACAGCCCAATC 792
|||||
20 AAACAGCCCAATC 6

SULT 1212
-10-298-215-2
Sequence 2, Application US/10298215
Publication No. US20040009157A1
GENERAL INFORMATION:
APPLICANT: Gazit, Dan
TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
FILE REFERENCE: P-4891-US2
CURRENT APPLICATION NUMBER: US/10/298,215
CURRENT FILING DATE: 2002-11-18
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Mus musculus
-10-298-215-2

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1184 AGATGGCCACAGGC 1198
|||||
Db 5 AGATGGCCACAGGAC 19

RESULT 1213
US-10-380-255-18/c
; Sequence 18, Application US/10380255
; Publication No. US20040023263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380,255
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JEP01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
synthesized primer sequence
US-10-380-255-18

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 407 CTCGAGTGAGATGC 421
|||||
Db 16 CTCGAGTGAGATGC 2

RESULT 1214
US-10-210-556-86
; Sequence 86, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-86

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 866 AGCAGTACCTGGATG 880
|||||
Db 1 AGCAGTACCTGGATG 15

RESULT 1215
US-10-642-802-162/c
; Sequence 162, Application US/10642802
```

```
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: HTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-162

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7      338 AGGACTTGAAGATGG 352
Db      20 AGGACTTGAACATGG 6
|||||
; RESULT 1216
US-10-169-045-9/c
; Sequence 9, Application US/10169045
; Publication No. US20040055032A1
; GENERAL INFORMATION:
; APPLICANT: BASF PLANT SCIENCE GMBH
; TITLE OF INVENTION: PYROPHOSPHATASE STRESS-RELATED PROTEINS AND METHODS OF
; FILE REFERENCE: 16313-0006
; CURRENT APPLICATION NUMBER: US/10/169,045
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: 60/171,745
; PRIOR FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-169-045-9

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7      574 CGTGTGAGCCTACT 588
Db      19 CGTGTGAGCCTACT 5
|||||
; RESULT 1217
US-10-298-354-18
; Sequence 18, Application US/10298354
; Publication No. US20040097442A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MAPK ASSOCIATED KINASE 3 EXPRESSION
; FILE REFERENCE: HTS-0054
; CURRENT APPLICATION NUMBER: US/10/298,354
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 80
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```
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-354-18

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7      526 ACCCTCAATAGCCCC 540
Db      6 ACCCTCAATAGCCCC 20
|||||
; RESULT 1218
US-10-304-111-24
; Sequence 24, Application US/10304111
; Publication No. US20040102403A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FIBRILLARIN EXPRESSION
; FILE REFERENCE: HTS-0075
; CURRENT APPLICATION NUMBER: US/10/304,111
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-111-24

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Q7      182 GCATAGACGACCA 196
Db      6 GCATAGACGACCA 20
|||||
; RESULT 1219
US-10-688-706-326/c
; Sequence 326, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 326
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-326

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

131 GGATGACAGACATCA 145
|||||
16 GGATGACAGAGTTCA 2

SULT 1220

-10-316-755-99
Sequence 99, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 99
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

-10-316-755-99

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1040 GCCTGGCCCGAGCCA 1054
|||||
1 GCCTGGCCCGGCGCA 15

SULT 1221

-10-316-755-230/c
Sequence 230, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 230
LENGTH: 20
TYPE: DNA
ORGANISM: R. norvegicus
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

-10-316-755-230

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1040 GCCTGGCCCGAGCCA 1054
|||||
20 GCCTGGCCCGGCGCA 6

SULT 1222

-10-316-389-45/c
Sequence 45, Application US/10316389
Publication No. US20040110699A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ABC2 EXPRESSION
FILE REFERENCE: RTS-0382
CURRENT APPLICATION NUMBER: US/10/316,389
CURRENT FILING DATE: 2002-12-10

; NUMBER OF SEQ ID NOS: 143

; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-389-45

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1613 AAGCCACAGCCGAG 1627
|||||

Db 19 AAGCCACAGTCCGAG 5
|||||

RESULT 1223

US-10-415-463-26
; Sequence 26, Application US/10415463
; Publication No. US20040110705A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RISP-0198
; CURRENT APPLICATION NUMBER: US/10/415,463
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: 09/702,251
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-415-463-26

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1537 AAGGAGCCAGCCTT 1551
|||||

Db 1 AAGGAAGCCAGCCTT 15
|||||

RESULT 1224

US-10-168-846-46/c
; Sequence 46, Application US/10168846
; Publication No. US20040111768A1
; GENERAL INFORMATION:
; APPLICANT: BASF PLANT SCIENCE GMBH
; TITLE OF INVENTION: TRANSCRIPTION FACTOR STRESS-RELATED PROTEINS AND METHODS OF USE IN PLANTS
; FILE REFERENCE: 16313-0005
; CURRENT APPLICATION NUMBER: US/10/168,846
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: 60/171,745
; PRIOR FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-168-846-46

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
-10-671-395-536

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

511 TACCTGGAGAAGCTG 525
|||||
20 TACCTGGGAAGCTG 6

SUIT 1230
-10-181-174B-64/c
Sequence 64, Application US/10181174B
Publication No. US20040132674A1
GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, XIROLAN
APPLICANT: ROSS, RALF
APPLICANT: BROS, MATTHIAS
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
FILE OF INVENTION: DENDRITIC CELLS AND USES THEREOF
FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: P 100 10 188.7
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn ver. 3.2
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: primer
-10-181-174B-64

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1200 TCCCTCTTTCCGGG 1214
|||||
19 TCCCTCTTTCTGGG 5

SUIT 1231
-10-663-452-19/c
Sequence 19, Application US/10663452
Publication No. US20040132681A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
FILE REFERENCE: RTS-0378
CURRENT APPLICATION NUMBER: US/10/663,452
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: US/10/163,272
PRIOR FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 158
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-663-452-19
Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 510 CTACCTGGAGAAGCT 524
|||||
Db 15 CTACCTGGAGATGCT 1

RESULT 1232
US-10-663-452-96
; Sequence 96, Application US/10663452
; Publication No. US20040132681A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/663,452
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: US/10/163,272
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-663-452-96

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 510 CTACCTGGAGAAGCT 524
|||||
Db 6 CTACCTGGAGATGCT 20

RESULT 1233
US-10-641-455A-65/c
; Sequence 65, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Wai Shiu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1757
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
-09-969-373-1757

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

673 AGCAAGCTCAGACAAAC 690
1 AGCAAGCTCATCCAAAC 18
|||||

SULT 1239
-09-969-373-2009/c
Sequence 2009, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 2009
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
-09-969-373-2009

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

346 AAGTGGGCTGTGATGGG 363
18 AAGTAGGGTTGTATGGG 1
|||||

SULT 1240
-09-250-611-56/c
Sequence 56, Application US/09250611
Patent No. US20020143161A1
GENERAL INFORMATION:
APPLICANT: Byrnie, Jennifer A.
APPLICANT: Bassett, Paul
TITLE OF INVENTION: Members of the D52 Gene Family
FILE REFERENCE: 1383.0210001
CURRENT APPLICATION NUMBER: US/09/250,611
CURRENT FILING DATE: 1999-02-17
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 56
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-250-611-56

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 668 GCAAAAGCAAGCTCACAG 685
Db 18 GCACAGCCAGCTCACAG 1
|||||

RESULT 1241
US-09-771-730-129
; Sequence 129, Application US/09771730
; Patent No. US20020146807A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: MacDougall, John R.
; APPLICANT: Spytek, Kimberly Ann
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A. M.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-645
; CURRENT APPLICATION NUMBER: US/09/771,730
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/178,413
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,371
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,408
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,370
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,406
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,414
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,409
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/180,634
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: 60/220,516
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/221,408
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/221,943
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/257,599
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/260,290
; PRIOR FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NOV12 Reverse
; OTHER INFORMATION: Primer Sequence

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 852 GGACAAGGACCTGAAGCA 869
Db 1 GGCCCGGACCTGAAGCA 18
|||||

RESULT 1242
US-09-908-153B-29/c
; Sequence 29, Application US/09908153B
; Patent No. US20020168714A1
; GENERAL INFORMATION:
; APPLICANT: Barbas, Carlos F.
; APPLICANT: Beerli, Roger
; APPLICANT: Schopfer, Ulrich
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION USING
; TITLE OF INVENTION: SINGLE-CHAIN, MONOMERIC, LIGAND DEPENDENT POLYPEPTIDE
; TITLE OF INVENTION: SWITCHES
; FILE REFERENCE: TSRI 725.1
; CURRENT APPLICATION NUMBER: US/09/908,153B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: US 09/619,063
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
US-09-908-153B-29

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGGTACGGCCCC 1111
| | | | |
Db 18 CACTGCGGCTTCGGCCCC 1

RESULT 1243
US-09-927-737-78
; Sequence 78, Application US/09927737
; Publication No. US20030082545A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald B.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/09/927,737
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-09-927-737-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 CAGAACCTGCTCATCAAC 1008
| | | | |
Db 1 CAGAACCTCTCACCATC 18

RESULT 1244

US-10-067-125-109
; Sequence 109, Application US/10067125
; Publication No. US20030055015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISFH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 109
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-109

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 TCAGCGCGCCCTCCGTC 574
| | | | |
Db 1 TCTGCGGCTTCTCCGTC 18

RESULT 1245
US-10-143-266-4
; Sequence 4, Application US/10143266
; Publication No. US2003010887A1
; GENERAL INFORMATION:
; APPLICANT: Rarum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF US
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-143-266-4

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1702 TCTGCGCTTACTGCTG 1719
| | | | |
Db 1 TCTGCGCTTCTGCTG 18

RESULT 1246
US-10-298-816-16/c
; Sequence 16, Application US/10298816
; Publication No. US20030143600A1
; GENERAL INFORMATION:
; APPLICANT: Gocke, Christopher D.

Kopreski, Michael S.
Benko, Floyd A.

TITLE OF INVENTION: Detection of Extracellular Tumor-Associated Nucleic Acid in Blood Plasma or Serum Using Amplification Assays

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:
ADDRESSEE: Intellectual Property Office,
The Pennsylvania State University
STREET: 113 Technology Center
CITY: University Park
STATE: Pennsylvania
COUNTRY: USA
ZIP: 16802

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/298,816
FILING DATE: 18-Mar-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/642,952
FILING DATE: 21-Aug-2000
APPLICATION NUMBER: US/08/818,058
FILING DATE: 14-Mar-1997

ATTORNEY/AGENT INFORMATION:
NAME: <Unknown>
REGISTRATION NUMBER: <Unknown>
REFERENCE/DOCKET NUMBER: 97,078
TELECOMMUNICATION INFORMATION:
TELEPHONE: <Unknown>
TELEFAX: <Unknown>
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
-10-298-816-16

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps

270 ACGTCTGCTCTCTGGGA 287
|||||
18 ACGCGTCCCCCGGGA 1

SULT 1247
-10-269-790-9
Sequence 9, Application US/10269790
Publication No. US20030148335A1
GENERAL INFORMATION:
APPLICANT: Super Array, Inc.
APPLICANT: Shen, Li
APPLICANT: Cen, Hui
APPLICANT: Xu, Xiang
TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
TITLE OF INVENTION: NUCLEOTIDE TAGS
FILE REFERENCE: 49444-20003.00
CURRENT APPLICATION NUMBER: US/10/269,790
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/327,763
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: FASTSEQ for Windows Version 4.0

```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Cy3UPS primer
US-10-269-790-26

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred.No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels

27 37 TAGCGAGGAGGACGACA 54
      ||||| ||| |||
Do 1 TAGCGAGGACACARACA 18

RESULT 1250
US-10-269-790-27
; Sequence 27, Application US/10269790
; Publication No. US20030149335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; TITLE OF INVENTION: NUCLEOTIDE TAGS
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cy5UPS primer
US-10-269-790-27

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Query Match          0.8%;   Score 13.2;  DB 1;   Length 18;
Best Local Similarity 83.3%;   Pred.No. 7.6e+03;
Matches 15;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0;

QY      37  TAGCAGCAGGAGCCACGCA 54
          ||||| |||| | ||
DB      1  TAGCAGGAGACCAACA 18

RESULT 1251
US-10-269-790-36
Sequence 36, Application US/10269790
Publication No. US20030148335A1
GENERAL INFORMATION:
APPLICANT: Super Array, Inc.
APPLICANT: Shen, Li
APPLICANT: Cen, Hui
APPLICANT: Yu, Xiang
TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
TITLE OF INVENTION: NUCLEOTIDE TAGS
FILE REFERENCE: 49444-20003.00
CURRENT APPLICATION NUMBER: US/10/269,790
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: US 60/327,763
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 61
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 36
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: UPS primer

```

```

US-10-269-790-36
Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7, 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels

QY 37 TAGCGAGGAGGACGCA 54
   |||||
DB 1 TAGCGAGGAGCAACA 18

RESULT 1252
US-10-108-732-44/c
; Sequence 44, Application US/10108732
; Publication No. US20030175721A1
; GENERAL INFORMATION:
; APPLICANT: Box, Neil F
; APPLICANT: Duffy, David L
; APPLICANT: Hayward, Nicholas K
; APPLICANT: Martin, Nicholas G
; APPLICANT: Sturm, Richard A
; APPLICANT: Gruis, Nelleke A
; APPLICANT: Van Der Velden, Pieter
; APPLICANT: Bergman, Wilma
; APPLICANT: Frants, Rune R
; TITLE OF INVENTION: MELANOMA RISK DETECTION
; FILE REFERENCE: 8795-27U1
; CURRENT APPLICATION NUMBER: US/10/108,732
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/279,515
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Patent version 3.1
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: hMSHR N-inner sequencing primer 3
US-10-108-732-44

```

```

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1632 CAGCAGGCAGGGCTGGA 1649
      ||| ||| ||| ||| ||| |||
Db       18 CAGGAAGCAGAGGCTGGA 1

RESULT 1253
US-10-314-657-174
; Sequence 174, Application US/10314657
; Publication No. US20030175889A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: CHENG, Yi-Qiang
; APPLICANT: TANG, Gong-Li
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
; TITLE OF INVENTION: Synthases and Methods of Use
; FILE REFERENCE: 054030-0021
; CURRENT APPLICATION NUMBER: US/10/314,657
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: PCT/US02/08937
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,935
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 174
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Streptomyces atroolivaceus

```

-10-314-657-174

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

557 TCATCGCGGCTCCGTC 574
1 TCATCGCGGCTCCGTC 18

SULT 1254

-10-422-934-75/c
Sequence 75, Application US/10422934
Publication No. US20030186841A1
GENERAL INFORMATION:
APPLICANT: Barbas, Carlos F., III
APPLICANT: Kadan, Michael
APPLICANT: Beerli, Roger
TITLE OF INVENTION: LIGAND ACTIVATED TRANSCRIPTIONAL REGULATOR PROTEINS

FILE REFERENCE: 22908-1227C
CURRENT APPLICATION NUMBER: US/10/422,934
CURRENT FILING DATE: 2003-04-23
PRIOR APPLICATION NUMBER: 09/586,625
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 09/433,042
PRIOR FILING DATE: 1999-10-25
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 75
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: ErbB-2 (E2C) target sequence

-10-422-934-75

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1094 CACTGTGGTACCGGCCCC 1111
18 CACTGTGGCTCCGGCCCC 1

SULT 1255

-10-339-674-176
Sequence 176, Application US/10339674
Publication No. US20030204318A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/339,674
CURRENT FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 3537
SOFTWARE: Proprietary
SEQ ID NO 176
LENGTH: 18
TYPE: DNA
ORGANISM: Escherichia coli K-12 MG1655 complete genome.

FEATURE:
LOCATION: (229371)...(229388)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 239
-10-339-674-176

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1059 AATCCCAACAAGACATA 1076
||||| ||| ||||| |||

Db 1 AATCTCAGCAAGACAAA 18

RESULT 1256

US-10-339-674-2396
Sequence 2396, Application US/10339674
Publication No. US20030204318A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/339,674
CURRENT FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 3537
SOFTWARE: Proprietary
SEQ ID NO 2396
LENGTH: 18
TYPE: DNA
ORGANISM: Escherichia coli K-12 MG1655 complete genome.
FEATURE:
LOCATION: (3252271)...(3252288)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3167
US-10-339-674-2396

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1059 AATCCCAACAAGACATA 1076
||||| ||| ||||| |||
Db 1 AATCTCAGCAAGACAAA 18

RESULT 1257

US-10-211-689-99/c
Sequence 99, Application US/10211689
Publication No. US20030232347A1
GENERAL INFORMATION:
APPLICANT: Alsobrook, John II
APPLICANT: Anderson, David W.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgess, Catherine E.
APPLICANT: Casman, Stacie J.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Gangolli, Baha A.
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Khrantsov, Nikolai V.
APPLICANT: Lepley, Denise M.
APPLICANT: MacDougall, John R.
APPLICANT: Pena, Carol A.
APPLICANT: Peyman, John A.
APPLICANT: Patturajan, Meera
APPLICANT: Rieger, Daniel K.
APPLICANT: Shimkets, Richard A.
APPLICANT: Smithson, Gleunda
APPLICANT: Spytek, Kimberly A.
APPLICANT: Vernet, Corine A. M.
APPLICANT: Voss, Edward Z.
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS
FILE REFERENCE: 21402-416B
CURRENT APPLICATION NUMBER: US/10/211,689
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: 60/311751
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/310,802
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/310,795
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/311,292
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/361,159


```
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/373,050
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: 60/380,970
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/381,030
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/323,944
; PRIOR FILING DATE: 2001-09-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 99
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-211-689-99
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 209 AGCAGATAGGCGCTGGATG 226
      ||||| ||||| ||||| |||||
Db 18 AGCAGATAGCGCTGCAGG 1
```

```
RESULT 1258
US-10-108-260A-4931/c
; Sequence 4931, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4931
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p
US-10-108-260A-4931
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1690 TTCCCTGCTTACTCTCTG 1707
      ||||| ||||| ||||| |||||
Db 18 TTCCCGCGCTTCTCTATG 1
```

```
RESULT 1259
US-10-108-260A-5416
; Sequence 5416, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5416
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p
US-10-108-260A-5416
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 807 CATTATCCACACGGAGAA 824
      ||||| ||||| ||||| |||||
Db 1 CATTATACACACGAGAA 18
```

```
RESULT 1260
US-10-349-143-7245/c
; Sequence 7245, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7245
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3153 for SEQ 3311,
US-10-349-143-7245
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1521 GGAGATTTCAGCTACAAAA 1538
      ||||| ||||| ||||| |||||
Db 18 GGAGATTTCAGACACAGAA 1
```

```
RESULT 1261
US-10-349-143-11482
; Sequence 11482, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
```


OTHER INFORMATION: Primer
US-10-606-133-215

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1040 GCCTGGCCCGAGCCAAAGT 1057
|||||
DB 18 GCCTGGCCCGCAACTAAGT 1

RESULT 1266

US-10-731-739-299
Sequence 299, Application US/107311739
Publication No. US20040176582A1

GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 299
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens

US-10-731-739-299

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 942 CCTGGCCTACTGCCACCG 959
|||||
DB 1 CCTGAGCTACTGCCACAG 18

RESULT 1267

US-09-802-674-9
Sequence 9, Application US/09802674
Patent No. US20020042088A1

GENERAL INFORMATION:
APPLICANT: Macina, Roberto A
APPLICANT: Piderit, Alejandra
APPLICANT: Sun, Yongming
TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
FILE REFERENCE: DEX-0142
CURRENT APPLICATION NUMBER: US/09/802,674
CURRENT FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/188,061
PRIOR FILING DATE: 2000-03-09
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-802-674-9

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1711 ACCTGCTGAGCCATGTT 1728
|||||
DB 2 ACCCGCTGTGCCATATT 19

RESULT 1268

US-09-947-770-26/c
Sequence 26, Application US/09947770
Patent No. US20020068715A1

GENERAL INFORMATION:
APPLICANT: Steinman, Lawrence
APPLICANT: Ruiz, Pedro
APPLICANT: Garren, Hideki
TITLE OF INVENTION: DNA Vaccination for Treatment of
FILE REFERENCE: STAN123CIP
CURRENT APPLICATION NUMBER: US/09/947,770
CURRENT FILING DATE: 2001-09-05
PRIOR APPLICATION NUMBER: PCT/US00/06233
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: US 09/267,590
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 34
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: IFN-gamma primer

US-09-947-770-26

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 CAGAGCTAGCGCAGGAGA 48
|||||
DB 18 CAGAGCTAGCGCGCAGGA 1

RESULT 1269

US-09-853-688-38/c
Sequence 38, Application US/09853688
Patent No. US20020081605A1

GENERAL INFORMATION:
APPLICANT: COOPER, DAVID N.
APPLICANT: PROCTER, ANNIE M.
APPLICANT: GREGORY, JOHN
APPLICANT: MILLAR, DAVID S.
TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
FILE REFERENCE: WCM78
CURRENT APPLICATION NUMBER: US/09/853,688
CURRENT FILING DATE: 2001-05-14
NUMBER OF SEQ ID NOS: 66
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 38
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens

US-09-853-688-38

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

762 CCTGCTCAAGGACCTCAA 779
||| ||| ||| ||| ||| |||
19 CCAGCTCAAGGATCCCAA 2

SULT 1270
-09-969-373-1691
Sequence 1691, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haughe, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1691
LENGTH: 19
TYPE: DNA
ORGANISM: Glycine max
-09-969-373-1691

SULT 1271
-09-969-373-3385
Sequence 3385, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haughe, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US/09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US/09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US/09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3385
LENGTH: 19
TYPE: DNA
ORGANISM: Glycine max
-09-969-373-3385

SULT 1272
-09-957-189-6/c

```

; Sequence 6, Application US/09957189
; Patent No. US20020177210A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Blinkovsky
; APPLICANT: Tony Byun
; APPLICANT: Alan V. Klotz
; APPLICANT: Alan Sloma
; APPLICANT: Maria Tang
; APPLICANT: Mikio Fujii
; APPLICANT: Chigusa Marumoto
; APPLICANT: Lene Venke Kofod
; TITLE OF INVENTION: Polypeptides Having Aminopeptidase
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same
; FILE REFERENCE: 5379.200-US
; CURRENT APPLICATION NUMBER: US/09/957,189
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/192,104
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 1465/97
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 00670
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Sphingomonas
US-09-957-189-6

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      850 CTGGACACAGGACCTGAAG 867
          |||||
Db      18 CTGGACACAGGACGAAAG 1

RESULT 1273
US-09-771-933-163/c
; Sequence 163, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Carrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-Assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 163
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-163

```

```

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. NO. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1400 TGTTCGAGCTTGAGGGTC 1417
          ||||| | |||||
Db       19  TGTTCGGGCTTGAGGGTC 2

RESULT 1274
US-09-952-267-21

```

Sequence 21, Application US/09952267
Publication No. US20030032772A1
GENERAL INFORMATION:
APPLICANT: HANSEN, ERIC J.
APPLICANT: AEBI, CHRISTOPH
APPLICANT: COPE, LESLIE D.
APPLICANT: MACIVER, ISOBEL
APPLICANT: FISKE, MICHAEL J.
APPLICANT: FREDENBURG, ROSS A.
TITLE OF INVENTION: USP1 AND USP2 ANTIGENS OF MORAXELLA CATARRHALIS
FILE REFERENCE: AMCY-024
CURRENT APPLICATION NUMBER: US/09/952,267
CURRENT FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: 09/336,447
PRIOR FILING DATE: 1999-06-21
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 21
LENGTH: 19
TYPE: DNA
ORGANISM: Moraxella catarrhalis
US-09-952-267-21

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 468 CAAGCGCTATCACTACC 485
|||||
Db 2 CAAGCTGATCACTACC 19

RESULT 1275
US-09-952-522B-26/c
Sequence 26, Application US/09952522B
Publication No. US20030082152A1
GENERAL INFORMATION:
APPLICANT: Katz, Adam J.
APPLICANT: Liull, Ramon
APPLICANT: Futrell, J. William
APPLICANT: Hedrick, Marc H.
APPLICANT: Benhaim, Prosper
APPLICANT: Lorenz, Hermann Peter
APPLICANT: Zhu, Min
TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES
FILE REFERENCE: 30448.77US11
CURRENT APPLICATION NUMBER: US/09/952,522B
CURRENT FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: PCT/US00/06232
PRIOR FILING DATE: 2000-03-10
PRIOR APPLICATION NUMBER: 60/123,711
PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/162,462
PRIOR FILING DATE: 1999-10-29
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Alkaline
OTHER INFORMATION: phosphatase reverse primer
US-09-952-522B-26

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCACATGCACACGTGA 913
|||||
Db 18 TAAACAGGAACACGTGA 1

RESULT 1276
US-09-953-562-3/c
Sequence 3, Application US/09953562
Publication No. US20030096241A1
GENERAL INFORMATION:
APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
TITLE OF INVENTION: CELL CARCINOMA
FILE REFERENCE: E6114-01
CURRENT APPLICATION NUMBER: US/09/953,562
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: JP 2001-083352
PRIOR FILING DATE: 2001-03-22
NUMBER OF SEQ ID NOS: 27
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: FGFR3 mutagenic oligonucleotide
US-09-953-562-3

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 23 CAGGAATGCAGAGGTAGG 40
|||||
Db 19 CAGGGATGCAGGGGTAGC 2

RESULT 1277
US-09-864-636A-889/c
Sequence 889, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 889
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-889

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGGAGGAAGCTGACCC 529
|||||
Db 18 ACCTGGACAGCAACCC 1

RESULT 1278
US-09-864-426A-889/c
Sequence 889, Application US/09864426A
Publication No. US2004001849A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael

TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences

FILE REFERENCE: FORS-04946

CURRENT APPLICATION NUMBER: US/09/864,426A

CURRENT FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 889

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

-09-854-426A-889

Query Match 0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

512 ACCTGGAGAGCTGACCC 529

|||||

18 ACCTGGACAGCAAAACC 1

SULT 1279

-10-005-338B-162

Sequence 162, Application US/10005338B

Publication No. US20030044895A1

GENERAL INFORMATION:

APPLICANT: DENEUFLE, Patrice

APPLICANT: ROSIER-MONTUS, Marie-Francoise

APPLICANT: PRADES, Catherine

APPLICANT: ARNOULD-REGUIGNE, Isabelle

APPLICANT: DUVERGER, Nicolas

APPLICANT: ALLIKMETS, Rando

APPLICANT: DEAN, Michael

TITLE OF INVENTION: NUCLEIC ACIDS OF THE HUMAN ABCA5, ABCA6, ABCA9, AND ABCA10 GENES

CONTAINING SUCH NUCLEIC ACIDS, AND USES THEREOF

FILE REFERENCE: ABCA5, 6, 9, 10

CURRENT APPLICATION NUMBER: US/10/005,338B

CURRENT FILING DATE: 2001-12-07

PRIOR APPLICATION NUMBER: US 60/263,231

PRIOR FILING DATE: 2001-01-23

PRIOR APPLICATION NUMBER: FR 0403440.1

PRIOR FILING DATE: 2000-12-07

NUMBER OF SEQ ID NOS: 217

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 162

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

-10-005-338B-162

Query Match 0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1316 ACAACTACCCCACTACC 1333

|||||

1 ACAACTTCCCAAGAAC 18

SULT 1280

-10-226-992-46/c

Sequence 46, Application US/10226992

Publication No. US20030148507A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

APPLICANT: FOSNAUGH, Kathy

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor

TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using Sh

TITLE OF INVENTION: RNA

FILE REFERENCE: 400/055 (MBHB01-1110-B)

CURRENT APPLICATION NUMBER: US/10/226,992

CURRENT FILING DATE: 2003-02-24

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-21

NUMBER OF SEQ ID NOS: 184

SOFTWARE: PatentIn version 3.0

SEQ ID NO 46

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re

US-10-226-992-46

Query Match 0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 817 ACGGAGAAGTCCCTCACC 834

|||||

Db 19 AGGGAGAAGGCGCTCACC 2

RESULT 1281

US-10-226-992-129

Sequence 129, Application US/10226992

Publication No. US20030148507A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

APPLICANT: FOSNAUGH, Kathy

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor

TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using Sh

TITLE OF INVENTION: RNA

FILE REFERENCE: 400/055 (MBHB01-1110-B)

CURRENT APPLICATION NUMBER: US/10/226,992

CURRENT FILING DATE: 2003-02-24

PRIOR APPLICATION NUMBER: US 60/315,315

PRIOR FILING DATE: 2001-08-21

NUMBER OF SEQ ID NOS: 184

SOFTWARE: PatentIn version 3.0

SEQ ID NO 129

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-226-992-129

Query Match

Best Local Similarity 77.8%; Score 13.2; DB 1; Length 19;

Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 817 ACGGAGAAGTCCCTCACC 834

|||||

Db 1 AGGGAGAAGGCGCTCACC 18

RESULT 1282

US-10-218-969-29

Sequence 29, Application US/10218969

Publication No. US20030165916A1

GENERAL INFORMATION:

APPLICANT: Sealton, Stuart

APPLICANT: Yuen, Tony

APPLICANT: Wurmbach, Elisa

TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content Drug

TITLE OF INVENTION: Profiling and Toxicity Screening

FILE REFERENCE: 2459-1-007N

CURRENT APPLICATION NUMBER: US/10/218,969

CURRENT FILING DATE: 2002-08-14

PRIOR APPLICATION NUMBER: US 60/312,220

PRIOR FILING DATE: 2001-08-14


```
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
FILE OF INVENTION: Gene Expression Using Short Interfering RNA
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 949
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
-10-251-117-949

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

616 TACATTAACTGGACAAA 633
||||| ||| ||| ||| |||
19 TACAATAAACTGGAAAAA 2

SULT 1287
-10-084-839-889/c
Sequence 889, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 889

10017621-3sl.rnpb

; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-889

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      512 ACCTGGAGAAAGCTGACCC 529
        ||||| ||| ||| |||
Db      18 ACCTGGACAAGCAAAACC 1

RESULT 1288
US-10-244-647-381
Sequence 381, Application US/10244647
Publication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MBHB02-1000)
CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: PCI US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
SEQ ID NO 381
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-381

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 61.1%; Pred. No. 8e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy      1486 AAACCTCTCTGACACTACT 1503
        |||:| ||| |||:|
Db      1 ACACUCCGGAACUACU 18

RESULT 1289
US-10-244-647-569
Sequence 569, Application US/10244647
Publication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MBHB02-1000)
CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
```



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; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 569
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense x
US-10-244-647-569

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 61.3%; Pred. No. 8e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1486 AAACCTTCCTGCACACTACT 1503
   |||:|||||:|||||:
Db 2 ACACUCCGGAACUACU 19

RESULT 1290
US-10-244-647-1027/c
; Sequence 1027, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1027
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1027

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1486 AAACCTTCCTGCACACTACT 1503
   |||:|||||:|||||:
Db 19 ACACCTCCGGAACACTACT 2

RESULT 1291
US-10-244-647-1215/c
; Sequence 1215, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
```

```
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1215
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1215

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1486 AAACCTTCCTGCACACTACT 1503
   |||:|||||:|||||:
Db 18 ACACCTCCGGAACACTACT 1

RESULT 1292
US-10-446-520-13
; Sequence 13, Application US/10446520
; Publication No. US20030235898A1
; GENERAL INFORMATION:
; APPLICANT: Kloeck, Andrew P.
; APPLICANT: Williams, Deryck J.
; APPLICANT: Salmon, Brandy
; APPLICANT: McLaird, Merry B.
; TITLE OF INVENTION: NEMATODE GS-LIKE SEQUENCES
; FILE REFERENCE: 12557-020001
; CURRENT APPLICATION NUMBER: US/10/446,520
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: US 10/098,602
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US 60/276,621
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Heterodera glycines
US-10-446-520-13

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 583 CTATCTGACATTGGCTTT 600
   |||||:|||||:|||||:
Db 1 CTATCCGAGAGGGCTTT 18

RESULT 1293
US-10-349-143-9032/c
; Sequence 9032, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
```

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9032
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-2085 for SEQ 1167, in compleme
-10-349-143-9032

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1686 CATCTTCCCTGCTTACTC 1703
|||||
18 CTTCTTCCCTGATCTCTC 1

SULT 1294
-10-349-143-11036
Sequence 11036, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11036
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in compleme
-10-349-143-11036

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

964 AAGTGTACACCGAGAC 981
|||||
1 AAAGTGTACACCGAGAC 18

RESULT 1295
US-10-349-143-11495/c
; Sequence 11495, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11495
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-8055 for SEQ 3630, in compleme
US-10-349-143-11495

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGAG 522
|||||
DB 19 GAGGCTACCTGGCNAAG 2

RESULT 1296
US-10-444-925-126
; Sequence 126, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-126

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 8e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 TCGAAGACCGTAAAGGA 18
:|||||
DB 2 UGGAAGACCGCAAGGA 19

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-653-416-12

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1664 CTCACAGGGCAGCCCCA 1681

18 CTCAGAGGGCAGCTCCCA 1

SULT 1302

-10-606-133-260/c
Sequence 260, Application US/10606133

Publication No. US20040132047A1

GENERAL INFORMATION:

APPLICANT: Fortina, Paolo
APPLICANT: Maris, John M.
APPLICANT: Gelfand, Craig A.
TITLE OF INVENTION: Methods for Detection of Genetic
FILE REFERENCE: CHOP.0182US
CURRENT APPLICATION NUMBER: US/10/606,133

CURRENT FILING DATE: 2003-06-25

PRIOR APPLICATION NUMBER: 60/391,515

PRIOR FILING DATE: 2002-06-25

NUMBER OF SEQ ID NOS: 282

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 260

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

-10-606-133-260

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

320 CACCAGAGATTGTGCACG 337

18 CACTGGAGAGTGTGCAG 1

SULT 1303

-10-788-318-38/c

Sequence 38, Application US/10788318

Publication No. US20040137510A1

GENERAL INFORMATION:

APPLICANT: COOPER, DAVID N.

APPLICANT: PROCTER, ANNIE M.

APPLICANT: GREGORY, JOHN

APPLICANT: MILLAR, DAVID S.

TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN

FILE REFERENCE: WCM78

CURRENT APPLICATION NUMBER: US/10/788,318

CURRENT FILING DATE: 2004-03-01

NUMBER OF SEQ ID NOS: 66

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 38

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

-10-788-318-38

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 762 CCTGCTCAAGGACCTCAA 779

Db 19 CCAGCTCAAGGATCCCAA 2

RESULT 1304

US-10-665-951-1028

; Sequence 1028, Application US/10665951

; Publication No. US20040138163A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: 400/131 (MBHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: US 10/664,668

; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: US 10/287,949

; PRIOR FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: US 10/306,747

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: PCT/US 02/17674

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; PRIOR FILING DATE: 2002-06-06

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1028

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

US-10-665-951-1028

Query Match 0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 83.3%; Pred. No. 8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 188 ACAAGACCAATGCTGCC 205

Db 2 ACAAGACCAAGGGGCAC 19

RESULT 1305

US-10-665-951-1095/c

; Sequence 1095, Application US/10665951

; Publication No. US20040138163A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: 400/131 (MBHB02-742-F)

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; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1095
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
US-10-665-951-1095

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 622 AAGCTGGACAAACTGGGC 639
|||||
Db 18 AGGCTGGAGNATGGGC 1

RESULT 1306
US-10-665-951-1352/c
; Sequence 1352, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
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; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1352
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1352

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 188 ACAAGACCAATGGTGGCC 205
|||||
Db 18 ACAAGACCAAGGGGCAC 1

RESULT 1307
US-10-665-951-1419
; Sequence 1419, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1419
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1419

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 8e+02;
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
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622 AAGCTGGACAACTGGGC 639
| : : : : :
2 AGGCGGAGAAUCUGGC 19

SULT 1308

-10-665-951-1577/c
Sequence 1577, Application US/10665951
Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MBHB02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 2455

SOFTWARE: PatentIn version 3.2

SEQ ID NO 1577

LENGTH: 19

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense

-10-665-951-1577

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

77 GAGGGCCCGCGGCTCTG 94

| : : : : :
18 GAGGGCCCTGGCGGCTGTG 1

SULT 1309

-10-665-951-1584
Sequence 1584, Application US/10665951
Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MBHB02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1584
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense

US-10-665-951-1584

Query Match 0.8%; Score 13.2; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 8e+02;

Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 976 CGAGACCTCAAGCCCCAG 993

| : : : : :
DB 1 CAAGACCUCAUGCCACAG 18

RESULT 1310

US-10-665-951-1686

Sequence 1686, Application US/10665951

Publication No. US20040138163A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

APPLICANT: Pavco, Pamela

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/131 (MBHB02-742-F)

CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: US 10/664,668

PRIOR FILING DATE: 2003-09-18

PRIOR APPLICATION NUMBER: PCT/US 03/05022

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/399,348

PRIOR FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: US 10/287,949

PRIOR FILING DATE: 2002-11-04

PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27

PRIOR APPLICATION NUMBER: PCT/US 02/17674

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/358,580

Matches	13;	Conservative	2;	Mismatches	3;	Indels	0;	Gaps	0;
QY	44	GAGGACCAGCAGTGTGAC	61						
Db	2	GUGGACAAGGAGUGUGAC	19						
RESULT 1312									
US-10-665-951-1824									
; Sequence 1824, Application US/10665951									
; Publication No. US20040138163A1									
; GENERAL INFORMATION:									
; APPLICANT: Sirna Therapeutics, Inc.									
; APPLICANT: McSwiggen, James									
; APPLICANT: Beigelman, Leonid									
; APPLICANT: Pavco, Pamela									
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial									
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor									
; FILE REFERENCE: 400/131 (MBHB02-742-F)									
; CURRENT APPLICATION NUMBER: US/10/665,951									
; CURRENT FILING DATE: 2003-09-18									
; PRIOR APPLICATION NUMBER: US 10/664,668									
; PRIOR FILING DATE: 2003-09-18									
; PRIOR APPLICATION NUMBER: PCT/US 03/05022									
; PRIOR FILING DATE: 2003-02-20									
; PRIOR APPLICATION NUMBER: US 60/399,348									
; PRIOR FILING DATE: 2002-07-29									
; PRIOR APPLICATION NUMBER: US 60/393,796									
; PRIOR FILING DATE: 2002-07-03									
; PRIOR APPLICATION NUMBER: US 10/287,949									
; PRIOR FILING DATE: 2002-11-04									
; PRIOR APPLICATION NUMBER: US 10/306,747									
; PRIOR FILING DATE: 2002-11-27									
; PRIOR APPLICATION NUMBER: PCT/US 02/17674									
; PRIOR FILING DATE: 2002-05-29									
; PRIOR APPLICATION NUMBER: US 60/358,580									
; PRIOR FILING DATE: 2002-02-20									
; PRIOR APPLICATION NUMBER: US 60/363,124									
; PRIOR FILING DATE: 2002-03-11									
; PRIOR APPLICATION NUMBER: US 60/386,782									
; PRIOR FILING DATE: 2002-06-06									
; Remaining Prior Application data removed - See File Wrapper or PALM.									
; NUMBER OF SEQ ID NOS: 2455									
; SOFTWARE: PatentIn version 3.2									
; SEQ ID NO 1824									
; LENGTH: 19									
; TYPE: RNA									
; ORGANISM: Artificial Sequence									
; FEATURE:									
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region									
US-10-665-951-1824									
Query Match 0.8%; Score 13.2; DB 1; Length 19;									
Best Local Similarity 72.2%; Pred. No. 86+02;									
Matches	13;	Conservative	2;	Mismatches	3;	Indels	0;	Gaps	0;
QY	77	GAGGGCCCCGGCGTCTG	94						
Db	2	GAGGGCCUGCGCGUGUG	19						
RESULT 1313									
US-10-665-951-1831/c									
; Sequence 1831, Application US/10665951									
; Publication No. US20040138163A1									
; GENERAL INFORMATION:									
; APPLICANT: Sirna Therapeutics, Inc.									
; APPLICANT: McSwiggen, James									
; APPLICANT: Beigelman, Leonid									
; APPLICANT: Pavco, Pamela									
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial									
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor									

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)

FILE REFERENCE: 400/131 (MBH02-742-F)

CURRENT FILING DATE: 2003-09-18

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

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PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (sina)

FILE REFERENCE: 400/131 (MBH02-742-F)

CURRENT FILING DATE: 2003-09-18

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

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PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

PCT/US 03/05022

Best Local Similarity 83.3%; Pred. No. 8e+02; Mismatches 0; Indels 3; Gaps 0;
Matches 15; Conservative 0;
QY 44 GAGGACGAGGTGTGAC 61
DB 18 GTGGACAAGGAGTGTGAC 1

RESULT 1316
US-10-715-117-13
; Sequence 13, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-13

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 8e+02; Mismatches 0; Indels 3; Gaps 0;
Matches 15; Conservative 0;
QY 100 GCTCGGCGGCCCGCGCG 117
DB 1 GCTCGGCGGCCCGCGCG 18

RESULT 1317
US-10-715-117-14
; Sequence 14, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715,117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 14
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: siRNA sequence
US-10-715-117-14

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 8e+02; Mismatches 1; Indels 3; Gaps 0;
Matches 14; Conservative 1;

QY 100 GCTCGGCGGCCCGCGCG 117
DB 1 GCUCGCGGCCCGCGCG 18

RESULT 1318
US-08-911-824-100/C
; Sequence 100, Application US/08911824
; Publication No. US20030004323A1
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Hackett, John R., Jr.
; APPLICANT: Yamaguchi, Julie
; APPLICANT: Golden, Alan M.
; APPLICANT: Brennan, Catherine A.
; APPLICANT: Hickman, Robert K.
; APPLICANT: Devare, Sushil K.
; TITLE OF INVENTION: NOVEL ANTIGEN CONSTRUCTS USEFUL IN THE
; DETECTION AND DIFFERENTIATION OF ANTIBODIES TO HIV
; FILE REFERENCE: 6165-US-01
; CURRENT APPLICATION NUMBER: US/08/911,824
; CURRENT FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human Immunodeficiency Virus
; FEATURE:
; OTHER INFORMATION: Sequencing primer pTB-S4
US-08-911-824-100

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02; Mismatches 15; Conservative 0; Indels 3; Gaps 0;
QY 312 CAGCTCTGCACGAGAT 329
DB 18 CAGATCTGTCCAGAGAT 1

RESULT 1319
US-09-870-725-12
; Sequence 12, Application US/09870725
; Patent No. US20020009745A1
; GENERAL INFORMATION:
; APPLICANT: Tung-Tien Sun, Xue-Ru Wu
; TITLE OF INVENTION: Methods of Detecting and Classifying
; Bladder Cancer
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/870,725
; FILING DATE: 01-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/969,317
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257

```
REFERENCE/DOCKET NUMBER: NYU-0030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
-09-870-725-12
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

514 CTGGAGAAGCTGACCCCTC 531
1 CTGGAGAAGCTGCTGCTC 18

SULT 1320
-09-820-198-4/c
Sequence 4, Application US/09820198
Publication No. US20020045258A1
GENERAL INFORMATION:
APPLICANT: Bickenbach, Jackie R.
TITLE OF INVENTION: Method to isolate epidermal stem cells
FILE REFERENCE: 875, 029US1
CURRENT APPLICATION NUMBER: US/09/820,198
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: US 60/192754
PRIOR FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: A primer
-09-820-198-4
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

474 CCTATCACTACCACTGA 491
20 CCGACCACTACCAAGAGA 3

SULT 1321
-09-854-883-363/c
Sequence 363, Application US/09854883
Patent No. US20020055479A1
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Robert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
CURRENT FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18

NUMBER OF SEQ ID NOS: 389
SEQ ID NO 363
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-363
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 GGAACCTGGAGACCTACA 619
DB 19 GGGAACTGAGACCTCCA 2

RESULT 1322
US-09-841-366A-17/c
Sequence 17, Application US/09841366A
Patent No. US20020058265A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
TITLE OF INVENTION: DIAGNOSIS OF TUMORS
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/09/841,366A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: D3S2432 primer
US-09-841-366A-17
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1702 TCTCTGCTACTGCGCTG 1719
DB 20 TGTCTATCTACTGCGCTG 3

RESULT 1323
US-09-841-366A-48/c
Sequence 48, Application US/09841366A
Patent No. US20020058265A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
TITLE OF INVENTION: DIAGNOSIS OF TUMORS
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/09/841,366A
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
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;
; FEATURE:
; OTHER INFORMATION: FGA primer
; US-09-841-366A-48

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTTATCTGAGA 592
    ||||| ||||| |||||
DQ 20 GTGTCAGAGGATCTGAGA 3

RESULT 1324
US-09-820-339A-18/c
; Sequence 18, Application US/09820339A
; Patent No. US20020081652A1
; GENERAL INFORMATION:
; APPLICANT: FUCHS, Sara
; APPLICANT: BARCHAN, Dora
; APPLICANT: SOUROUJON, Miriam
; TITLE OF INVENTION: RECOMBINANT FRAGMENTS OF THE HUMAN ACETYLCHOLINE RECEPTOR AND THE
; TITLE OF INVENTION: FOR TREATMENT OF MYASTHENIA GRAVIS
; FILE REFERENCE: FUCHS-2A
; CURRENT APPLICATION NUMBER: US/09/820,339A
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 09/423,398
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: PCT/IL98/00211
; PRIOR FILING DATE: 1998-05-06
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-820-339A-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1400 TGTTCAGATTGAGGATC 1417
    ||||| ||||| |||||
DQ 18 TGTTCGAATTGAGGATC 1

RESULT 1325
US-09-895-585-8
; Sequence 8, Application US/09895585
; Publication No. US20020081725A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: AmCyt, Inc.
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; TITLE OF INVENTION: Intermediate Stage of Development
; FILE REFERENCE: 021164-000100US
; CURRENT APPLICATION NUMBER: US/09/895,585
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/215,634
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/246,306
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/291,787
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20

;
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:insulin LC RED
; OTHER INFORMATION: probe
US-09-895-585-8

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 505 GAGGGCTACTCTGGAGAAG 522
    ||||| ||||| |||||
DQ 3 GAGGGGTCCCTGCAGAAG 20

RESULT 1326
US-09-850-351A-70/c
; Sequence 70, Application US/09850351A
; Patent No. US2002010080A1
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; TITLE OF INVENTION: No. US2002010080A1el Pesticidal Toxins and Nucleotide
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESS: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/850,351A
; FILING DATE: 07-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 06-MAY-1998
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sanders, Jay M.
; REGISTRATION NUMBER: 39,355
; REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-09-850-351A-70
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Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1229 AACAGCTACCTTCATCT 1246
|||||
19 AACAGCTACTTCTCTTT 2

SUIT 1327
-09-850-351A-116
Sequence 116, Application US/09850351A
Patent No. US20020100080A1
GENERAL INFORMATION:
APPLICANT: Feitelson, Jerald S.
Schnepf, H. Ernest
Narva, Kenneth E.
Stockhoff, Brian A.
Schmeits, James
Loewer, David
Dullum, Charles Joseph
Muller-Cohn, Judy
Stamp, Lisa
Morrill, George
TITLE OF INVENTION: No. US20020100080A1el Pesticidal Toxins and Nucleotide
Sequences Which Encode These Toxins
NUMBER OF SEQUENCES: 144
CORRESPONDENCE ADDRESS:
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
STATE: FL
COUNTRY: US
ZIP: 32606-6669
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/850,351A
FILING DATE: 07-May-2001
CLASSIFICATION: <unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 09/073,898
FILING DATE: 06-MAY-1998
APPLICATION NUMBER: US 08/960,780
FILING DATE: 30-OCT-1997
APPLICATION NUMBER: US 60/029,848
FILING DATE: 30-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Sanders, Jay M.
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-708CD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 116:
-09-850-351A-116

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1229 AACAGCTACCTTCATCT 1246

Db 2 AACAGCTACTTCTCTTT 19
|||||
RESULT 1328
US-09-866-866A-16/c
; Sequence 16, Application US/09866866A
; Patent No. US2002010224A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-866-866A-16

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCTCACCACGCTG 1401
|||
Db 19 GAGATCTCTCACCACGCG 2

RESULT 1329
US-09-731-457B-27
; Sequence 27, Application US/09731457B
; Patent No. US20020103146A1
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 1, P
; FILE REFERENCE: RTS-0182
; CURRENT APPLICATION NUMBER: US/09/731,457B
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-731-457B-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1366 CTTGATAGCGACGGGCC 1383
|||||
Db 1 CTTGAGACTGACGGTGCC 18

RESULT 1330
US-09-909-849-20/c
; Sequence 20, Application US/09909849

; Patent No. US20020106754A1
; GENERAL INFORMATION:
; APPLICANT: Tauch, Andreas
; TITLE OF INVENTION: Nucleotide Sequences Which Code for the alr Gene
; FILE REFERENCE: 032301 WD 173
; CURRENT APPLICATION NUMBER: US/09/909,849
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Corynebacterium glutamicum
US-09-909-849-20

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 980 ACCTCAAGCCCGCAGAAC 997
|||||
Db 19 ACCTCAAGCGCACAC 2

RESULT 1331
US-09-895-040A-5
; Sequence 5, Application US/09895040A
; Patent No. US20020123474A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Ji, Yonggang
; TITLE OF INVENTION: HUMAN GTP-RHO BINDING PROTEIN 2
; FILE REFERENCE: AEOMICA-11
; CURRENT APPLICATION NUMBER: US/09/895,040A
; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-895-040A-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 105 CGCGCCCGCCGCGCTAGC 122
|||||
Db 3 CGCGCCCGCCGCGCTAGC 20

RESULT 1332
US-09-800-629A-7
; Sequence 7, Application US/09800629A

; Patent No. US20020128216A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Kariyas, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; TITLE OF INVENTION: TRANSDUCTION
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/09/800,629A
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/260,799
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-800-629A-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 654 CACCGTCTACAAAGCAA 671
|||||
Db 3 CATCGTCTCAAGGAA 20

RESULT 1333
US-09-815-153-21
; Sequence 21, Application US/09815153
; Patent No. US20020132978A1
; GENERAL INFORMATION:
; APPLICANT: RASTELLI, LUCA K.
; APPLICANT: GERBER, HANS-PETER
; TITLE OF INVENTION: VEGF-MODULATED GENES AND METHODS EMPLOYING THEM
; FILE REFERENCE: 10716/34
; CURRENT APPLICATION NUMBER: US/09/815,153
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-815-153-21

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTCTGGGC 1170
|||||
Db 2 GACAGTCTGGGTGAGGCG 19

RESULT 1334
US-09-969-373-3055/C
; Sequence 3055, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.

1
2 FILING DATE: 12-NOV-1993
3 ATTORNEY/AGENT INFORMATION:
4 NAME: Haile, Lisa A.
5 REGISTRATION NUMBER: 38,347
6 REFERENCE/DOCKET NUMBER: 07265/146001
7 TELECOMMUNICATION INFORMATION:
8 TELEPHONE: 619/678-5070
9 TELEFAX: 619/678-5099
10 INFORMATION FOR SEQ ID NO: 14:
11 SEQUENCE CHARACTERISTICS:
12 LENGTH: 20 base pairs
13 TYPE: nucleic acid
14 STRANDEDNESS: single
15 TOPOLOGY: linear
16 MOLECULE TYPE: Genomic DNA
17 SEQUENCE DESCRIPTION: SEQ ID NO: 14:
18 US-09-863-806-14
19
20 Query Match 0.8%; Score 13.2; DB 1; Length 20;
21 Best Local Similarity 83.3%; Pred. No. 8.4e+02;
22 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
23
24 QY 575 GTGTCAGCCCTATCTGAGA 592
25 ||||| |||||
26 Db 1 GTGTCAGAGGATCTGAGA 18
27
28 RESULT 1339
29 US-09-863-806-46/c
30 ; Sequence 46, Application US/09863806
31 ; Publication No. US20020197608A1
32 ; GENERAL INFORMATION:
33 APPLICANT: Sidransky, David
34 TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
35 NUMBER OF SEQUENCES: 195
36 CORRESPONDENCE ADDRESS:
37 ADDRESSEE: Fish & Richardson P.C.
38 STREET: 4225 Executive Square, Suite 1400
39 CITY: La Jolla
40 STATE: CA
41 COUNTRY: USA
42 ZIP: 92037
43 COMPUTER READABLE FORM:
44 MEDIUM TYPE: Diskette
45 OPERATING SYSTEM: Windows 95
46 SOFTWARE: FastSeq for Windows Version 2.0b
47 CURRENT APPLICATION DATA:
48 APPLICATION NUMBER: US/09/863,806
49 FILING DATE: 22-May-2001
50 PRIOR APPLICATION DATA:
51 APPLICATION NUMBER: 09/038,637
52 FILING DATE: <Unknown>
53 APPLICATION NUMBER: 08/152,313
54 FILING DATE: 12-NOV-1993
55 ATTORNEY/AGENT INFORMATION:
56 NAME: Haile, Lisa A.
57 REGISTRATION NUMBER: 38,347
58 REFERENCE/DOCKET NUMBER: 07265/146001
59 TELECOMMUNICATION INFORMATION:
60 TELEPHONE: 619/678-5070
61 TELEFAX: 619/678-5099
62 INFORMATION FOR SEQ ID NO: 46:
63 SEQUENCE CHARACTERISTICS:
64 LENGTH: 20 base pairs
65 TYPE: nucleic acid
66 STRANDEDNESS: single
67 TOPOLOGY: linear
68 MOLECULE TYPE: Genomic DNA
69 SEQUENCE DESCRIPTION: SEQ ID NO: 46:
70 US-09-863-806-46
71
72 Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 575 GTGTCAGCCCTATCTGAGA 592
||||| |||||
Db 20 GTGTCAGAGGATCTGAGA 3
RESULT 1340
US-09-824-322B-260/c
; Sequence 260, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-824-322B-260
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 554 CCTCAGCGCGCGCTCC 571
||||| |||||
Db 18 CCTCAGAGGCCACATCC 1
RESULT 1341
US-09-824-322B-304
; Sequence 304, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-824-322B-304
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

atches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1098 GTGTACCGCCCTCTGA 1115
| | | | | | | | | |
1 GAGGTACAGGCCCTCTGA 18

SULT 1342
-09-931-375A-27
Sequence 27, Application US/09931375A
Publication No. US20030027151A1
GENERAL INFORMATION:
APPLICANT: WARMAN, Matthew L.
APPLICANT: GONG, Yaqin
APPLICANT: OLSEN, Bjorn R.
APPLICANT: RAWADI, Georges
APPLICANT: ROMAN-ROMAN, Sergio
TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
TITLE OF INVENTION: OSTROPOROSIS
FILE REFERENCE: 38464-0004
CURRENT APPLICATION NUMBER: US/09/931.375A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/304,851
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/234,337
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 60/226,119
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.0
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-09-931-375A-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGGCCT 944
| | | | | | | | | |
1 CCAGCTGCTCGTGGCCT 18

SULT 1343
-09-932-367A-105/c
Sequence 105, Application US/09932367A
Publication No. US20030027152A1
GENERAL INFORMATION:
APPLICANT: RHODES, Simon J.
APPLICANT: BRIDWELL, Jeanne L.
APPLICANT: MEIER, Bradley C.
APPLICANT: PARKER, Gretchen E.
APPLICANT: PRICE, Jeffrey R.
APPLICANT: SHOWALTER, Aaron D.
APPLICANT: SLOOP, Kyle W.
TITLE OF INVENTION: GENERATION OF DIAGNOSTIC TOOLS TO ASSAY THE HUMAN
TITLE OF INVENTION: LHX3/P-LIM/LIM-3 FACTOR
FILE REFERENCE: 053884-5003
CURRENT APPLICATION NUMBER: US/09/932.367A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: PCT/US00/04424
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/121,110
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 105
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-09-932-367A-105

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1081 AATGAGTGTGTGACACTG 1098
| | | | | | | | | |
18 AGTGAGTGTGTGCACTG 1

RESULT 1344
US-09-944-161-8
Sequence 8, Application US/09944161
Publication No. US20030054355A1
GENERAL INFORMATION:
APPLICANT: Warthoe, Peter
TITLE OF INVENTION: Microsensors and Method for Detecting Target Analytes
FILE REFERENCE: A-70905/RPT/DCP
CURRENT APPLICATION NUMBER: US/09/944.161
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: US 60/261,222
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: PA 2000 01310
PRIOR FILING DATE: 2000-09-04
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer sequence.
US-09-944-161-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

623 AGCTGGACAAACTGGGCG 640
| | | | | | | | | |
2 AGCTGGACAAAGTGTGCG 19

RESULT 1345
US-09-948-909-14
Sequence 14, Application US/09948909
Publication No. US20030064371A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: METHOD FOR DETECTING CELL
TITLE OF INVENTION: PROLIFERATION DISORDERS
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/948,909
FILING DATE: 10-Sep-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/968,733

atches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1098 GTGTACCGCCCTCTGA 1115
| | | | | | | | | |
1 GAGGTACAGGCCCTCTGA 18

SULT 1342
-09-931-375A-27
Sequence 27, Application US/09931375A
Publication No. US20030027151A1
GENERAL INFORMATION:
APPLICANT: WARMAN, Matthew L.
APPLICANT: GONG, Yaqin
APPLICANT: OLSEN, Bjorn R.
APPLICANT: RAWADI, Georges
APPLICANT: ROMAN-ROMAN, Sergio
TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF
TITLE OF INVENTION: OSTROPOROSIS
FILE REFERENCE: 38464-0004
CURRENT APPLICATION NUMBER: US/09/931.375A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: US 60/304,851
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/234,337
PRIOR FILING DATE: 2000-09-22
PRIOR APPLICATION NUMBER: US 60/226,119
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.0
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-09-931-375A-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGGCCT 944
| | | | | | | | | |
1 CCAGCTGCTCGTGGCCT 18

SULT 1343
-09-932-367A-105/c
Sequence 105, Application US/09932367A
Publication No. US20030027152A1
GENERAL INFORMATION:
APPLICANT: RHODES, Simon J.
APPLICANT: BRIDWELL, Jeanne L.
APPLICANT: MEIER, Bradley C.
APPLICANT: PARKER, Gretchen E.
APPLICANT: PRICE, Jeffrey R.
APPLICANT: SHOWALTER, Aaron D.
APPLICANT: SLOOP, Kyle W.
TITLE OF INVENTION: GENERATION OF DIAGNOSTIC TOOLS TO ASSAY THE HUMAN
TITLE OF INVENTION: LHX3/P-LIM/LIM-3 FACTOR
FILE REFERENCE: 053884-5003
CURRENT APPLICATION NUMBER: US/09/932.367A
CURRENT FILING DATE: 2001-08-17
PRIOR APPLICATION NUMBER: PCT/US00/04424
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/121,110
PRIOR FILING DATE: 1999-02-22
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 105
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-09-932-367A-105

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1081 AATGAGTGTGTGACACTG 1098
| | | | | | | | | |
18 AGTGAGTGTGTGCACTG 1

RESULT 1344
US-09-944-161-8
Sequence 8, Application US/09944161
Publication No. US20030054355A1
GENERAL INFORMATION:
APPLICANT: Warthoe, Peter
TITLE OF INVENTION: Microsensors and Method for Detecting Target Analytes
FILE REFERENCE: A-70905/RPT/DCP
CURRENT APPLICATION NUMBER: US/09/944.161
CURRENT FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: US 60/261,222
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: PA 2000 01310
PRIOR FILING DATE: 2000-09-04
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer sequence.
US-09-944-161-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

623 AGCTGGACAAACTGGGCG 640
| | | | | | | | | |
2 AGCTGGACAAAGTGTGCG 19

RESULT 1345
US-09-948-909-14
Sequence 14, Application US/09948909
Publication No. US20030064371A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: METHOD FOR DETECTING CELL
TITLE OF INVENTION: PROLIFERATION DISORDERS
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/948,909
FILING DATE: 10-Sep-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/968,733


```

; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Haile, Lisa A.
;   REGISTRATION NUMBER: 38,347
;   REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 619/678-5070
;   TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 14:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: Genomic DNA
;   SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-948-909-14

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 575 GTGTCAGCCCTATCTGAGA 592
D/ 1 GTGTCAGAGGATCTGAGA 18

RESULT 1346
US-09-948-909-46/c
; Sequence 46, Application US/09948909
; Publication No. US20030064371A1
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: METHOD FOR DETECTING CELL
;   PROLIFERATION DISORDERS
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Fish & Richardson P.C.
;   STREET: 4225 Executive Square, Suite 1400
;   CITY: La Jolla
;   STATE: CA
;   COUNTRY: USA
;   ZIP: 92037
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Diskette
;   COMPUTER: IBM Compatible
;   OPERATING SYSTEM: Windows95
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
;   FILING DATE: 10-Sep-2001
;   APPLICATION NUMBER: US/09/948,909
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 08/968,733
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
;   NAME: Haile, Lisa A.
;   REGISTRATION NUMBER: 38,347
;   REFERENCE/DOCKET NUMBER: 07265/097001
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 619/678-5070
;   TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 46:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: oligonucleotide
;   SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-09-948-909-46

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 575 GTGTCAGCCCTATCTGAGA 592
D/ 20 GTGTCAGAGGATCTGAGA 3

RESULT 1347
US-09-906-158-85/c
; Sequence 85, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-85

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 957 CCGGCGACGAGGTGCTACA 974
D/ 18 CTGGAAGCAGGTGCTACA 1

RESULT 1348
US-09-952-522B-24/c
; Sequence 24, Application US/09952522B
; Publication No. US20030082152A1
; GENERAL INFORMATION:
; APPLICANT: Katz, Adam J.
; APPLICANT: Lluell, Ramon
; APPLICANT: Futrell, J. William
; APPLICANT: Hedrick, Marc H.
; APPLICANT: Benhaim, Prosper
; APPLICANT: Lorenz, Hermann Peter
; APPLICANT: Zhu, Min
; TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES
; FILE REFERENCE: 30448.77US11
; CURRENT APPLICATION NUMBER: US/09/952,522B
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: PCT/US00/06232
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/123,711
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/162,462
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Collagen I
; OTHER INFORMATION: reverse primer
US-09-952-522B-24

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

227 AGAGTGGTGGTGGCG 244
|||||
18 AGAGTGGTGGTGGTG 1

SULT 1349
-09-917-963-36
Sequence 36, Application US/09917963
Publication No. US20030086912A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-917-963-36

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

30 GCAGAGGTAGCAGGAGG 47
|||||
3 GCAGTGGTAGCAGGTGG 20

SULT 1350
-09-953-047-57
Sequence 57, Application US/09953047
Publication No. US20030087854A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
FILE REFERENCE: RTS-0157
CURRENT APPLICATION NUMBER: US/09/953,047
CURRENT FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-09-953-047-57

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1334 GAGCCGAGGCCCTTTTGA 1351
|||||
2 GAGCAGAGGCCCTCTGA 19

SULT 1351
-09-967-655-18
Sequence 18, Application US/09967655
Publication No. US20030092649A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTS-0227
CURRENT APPLICATION NUMBER: US/09/967,655
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1563 GATGCTGACTCAGGCAG 1580
|||||
Db 2 GATGCCCGCGCAGGCAG 19

RESULT 1352
US-09-998-027-164
Sequence 164, Application US/09998027
Publication No. US20030093819A1
GENERAL INFORMATION:
APPLICANT: D'Andrea et al.
TITLE OF INVENTION: Methods and Compositions for the
TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective
TITLE OF INVENTION: DNA Repair Mechanisms
FILE REFERENCE: 2486/101
CURRENT APPLICATION NUMBER: US/09/998,027
CURRENT FILING DATE: 2001-11-02
NUMBER OF SEQ ID NOS: 191
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 164
LENGTH: 20
TYPE: DNA
ORGANISM: MG742
US-09-998-027-164

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 868 CAGTACTGTGATGACTGT 885
|||||
Db 2 CAGTGCCTTGGTACTGT 19

RESULT 1353
US-09-918-026A-18/c
Sequence 18, Application US/09918026A
Publication No. US20030096772A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2 EX
FILE REFERENCE: ISPH-0588
CURRENT APPLICATION NUMBER: US/09/918,026A
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 65
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-026A-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 673 AGCAAGCTCACAGCAAC 690
|||||
Db 20 AGCAAGCGCAGGACAAAC 3

RESULT 1354
US-09-864-636A-2495/c

; Sequence 2495, Application US/09864636A

; Publication No. US20030104378A1

; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allwai, Hatim

; APPLICANT: Bartholomay, Christian

; APPLICANT: Chehak, LuAnne

; TITLE OF INVENTION: Detection of RNA Sequences

; FILE REFERENCE: FORS-04944

; CURRENT APPLICATION NUMBER: US/09/864,636A

; CURRENT FILING DATE: 2002-10-15

; NUMBER OF SEQ ID NOS: 2640

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2495

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-09-864-636A-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1307 TCAAGACATCAACTACC 1324

|||||
Db 20 TCAAGACCTACGCTACC 3

RESULT 1355

US-09-972-607-59

; Sequence 59, Application US/09972607

; Publication No. US20030105037A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION

; FILE REFERENCE: RTS-0191

; CURRENT APPLICATION NUMBER: US/09/972,607

; CURRENT FILING DATE: 2001-10-06

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 59

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-972-607-59

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 927 CCAGCTGCTCCGTGGCCT 944

|||||
Db 3 CCAGCTTCTCCGGGCT 20

RESULT 1356

US-09-993-731-30/c

; Sequence 30, Application US/09993731

; Publication No. US20030105040A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION

; FILE REFERENCE: RTS-0302

; CURRENT APPLICATION NUMBER: US/09/993,731

; CURRENT FILING DATE: 2001-11-13

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 30

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-993-731-30

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 861 CCTGACGACGTACTGGA 878

|||||
Db 20 CCAGACCCAGTACTGGA 3

RESULT 1357

US-09-961-001-63/c

; Sequence 63, Application US/09961001

; Publication No. US20030109466A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION

; FILE REFERENCE: RTS-0280

; CURRENT APPLICATION NUMBER: US/09/961,001

; CURRENT FILING DATE: 2001-09-20

; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 63

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-961-001-63

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 322 CCAGAGATTGTGCACGAG 339

|||||
Db 20 CCTGAGATTGTACGCGAG 3

RESULT 1358

US-09-908-147-168/c

; Sequence 168, Application US/09908147

; Publication No. US20030144221A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION

; FILE REFERENCE: RTS-0185

; CURRENT APPLICATION NUMBER: US/09/908,147

; CURRENT FILING DATE: 2001-07-17

; NUMBER OF SEQ ID NOS: 168

; SEQ ID NO 168

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-908-147-168

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

78 AGGCCCCCGCGGCTCTGA 95
|||||
18 AGGCCCCACCACTCTGA 1

SULT 1359
-09-851-871-26
Sequence 26, Application US/09851871
Publication No. US20030176374A1
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0543
CURRENT APPLICATION NUMBER: US/09/851,871
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 284
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-851-871-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

814 CACACGGAGAGTCCTC 831
|||||
2 CTCAGTAGAGACCTC 19

SULT 1360
-09-864-426A-2495/c
Sequence 2495, Application US/09864426A
Publication No. US20040018489A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2495
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-864-426A-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1307 TCAAGACATACAACTACC 1324
|||||
Db 20 TCAAGACCTAGCGCTACC 3

RESULT 1361
US-09-984-637-1/c
; Sequence 1, Application US/09984637
; Publication No. US20040048246A1
; GENERAL INFORMATION:
; APPLICANT: Tosoh Corporation
; TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF HIV-1 AND DETECTION METHOD
; FILE REFERENCE: PA211-0315
; CURRENT APPLICATION NUMBER: US/09/984,637
; CURRENT FILING DATE: 2001-10-30
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide hybridizable with a specific site of HIV-1 RNA
US-09-984-637-1

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1364 GACTTGATAGCGAGGGG 1381
|||||
Db 20 GACTTGAAAGCGAAAGG 3

RESULT 1362
US-10-025-167-29/c
; Sequence 29, Application US/10025167
; Publication No. US20020127693A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA A.
; COHEN, MAURICE
; COLPITTS, TRACEY L.
; FRIEDMAN, PAULA N.
; HAYDEN, MARK
; KLASS, MICHAEL R.
; ROBERTS-RAPP, LISA
; RUSSELL, JOHN C.
; STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THE
; USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; TRACT

NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/025,167
FILING DATE: 19-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/049,698
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/828,856
FILING DATE: 31-MAR-1997

```
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6068.US.P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-025-167-29

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 CCCTGACATCCTGCTTG 1126
Db 18 CCCTGACCTTACTTG 1

RESULT 1363
US-10-011-119A-7/c
Sequence 7, Application US/10011119A
Publication No. US20020150928A1
GENERAL INFORMATION:
APPLICANT: Maussion, Per
APPLICANT: Lundin, Tomas
TITLE OF INVENTION: DNA-EMBEDDING MEDIUM AND METHOD OF USE
FILE REFERENCE: P/2432-45
CURRENT APPLICATION NUMBER: US/10/011,119A
CURRENT FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 09/605,611
PRIOR FILING DATE: 2000-06-28
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Construct
US-10-011-119A-7

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGAGAGCTGACCC 529
Db 19 ACCGCGAAGAAGATGACCC 2

RESULT 1364
US-10-044-671-10
Sequence 10, Application US/10044671
Publication No. US20020177147A1
GENERAL INFORMATION:
APPLICANT: Washington State University Research Foundation
APPLICANT: Mealey, Katrina
APPLICANT: Bentjen, Steven
TITLE OF INVENTION: MDRI VARIANTS AND METHODS FOR THEIR USE
FILE REFERENCE: 4630-61733
CURRENT APPLICATION NUMBER: US/10/044,671
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US 60/261,578
PRIOR FILING DATE: 2001-01-12
```

```
PRIOR APPLICATION NUMBER: US 60/314,829
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: synthetic oligonucleotide
US-10-044-671-10

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 AGCCCATCTTTGACAA 552
Db 3 AGCGCATCATTTGCAAG 20

RESULT 1365
US-10-060-301-19/c
Sequence 19, Application US/10060301
Publication No. US20020182622A1
GENERAL INFORMATION:
APPLICANT: NAKAMURA, Yusuke et al.
TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
FILE REFERENCE: 1254-0195p
CURRENT APPLICATION NUMBER: US/10/060,301
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: JP 2001-25700
PRIOR FILING DATE: 2001-02-01
NUMBER OF SEQ ID NOS: 200
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 19
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Forward Primer for SNP ID 10
US-10-060-301-19

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 GTGGTGGTGGCGGCACTG 250
Db 18 GTGATGGTGGTGGGAGTG 1

RESULT 1366
US-10-115-563-4
Sequence 4, Application US/10115563
Publication No. US20030008307A1
GENERAL INFORMATION:
APPLICANT: Griffin, John H
APPLICANT: Greengard, Judith S
TITLE OF INVENTION: METHODS FOR DIAGNOSING ACTIVATED PROTEIN
C RESISTANCE ASSOCIATED WITH A FACTOR V GENETIC MUTATION
AND COMPOSITIONS THEREOF
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
Patent Counsel
STREET: 10666 No. US20030008307A1th Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
```

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/115,563
  FILING DATE: 02-Apr-2002
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/08/410,488
  FILING DATE: 24-MAR-1995
ATTORNEY/AGENT INFORMATION:
  NAME: Fitting, Thomas
  REGISTRATION NUMBER: 34,163
  REFERENCE/DOCKET NUMBER: 449.0
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 619-554-2937
  TELEFAX: 619-554-6312
SEQUENCE CHARACTERISTICS:
  LENGTH: 20 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
-10-115-563-4
  Query Match      0.8%; Score 13.2; DB 1; Length 20;
  Best Local Similarity 83.3%; Pred. No. 8.4e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1073 CATACTCCCAATGAGGTGG 1090
||||| ||||| |||||
1 CATACTACAGTGACGTGG 18

SULT 1367
-10-055-412B-23
Sequence 23, Application US/10055412B
Publication No. US20030059861A1
GENERAL INFORMATION:
  APPLICANT: Pauli, Benedicht U.
  TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium
  TITLE OF INVENTION: Activated Chloride Channel-Adhesion Molecules
  FILE REFERENCE: 18617.0058
  CURRENT APPLICATION NUMBER: US/10/055,412B
  CURRENT FILING DATE: 2001-10-29
  PRIOR APPLICATION NUMBER: US/09/193,562
  PRIOR FILING DATE: 1998-11-17
  PRIOR APPLICATION NUMBER: US/60/065,922
  PRIOR FILING DATE: 1997-11-17
  NUMBER OF SEQ ID NOS: 47
  SEQ ID NO 23
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
FEATURE:
  OTHER INFORMATION: Amplification primer
-10-055-412B-23
  Query Match      0.8%; Score 13.2; DB 1; Length 20;
  Best Local Similarity 83.3%; Pred. No. 8.4e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

211 CAGATAGGCGCTGGATGAG 228
||||| ||||| |||||
3 CAGACAGGGCTGTATGAG 20

SULT 1368
-10-159-495-7/c
Sequence 7, Application US/10159495
Publication No. US20030073106A1
GENERAL INFORMATION:
  APPLICANT: Johansen, Jack T
  APPLICANT: Hyldeg-Nielsen, Jens J
  APPLICANT: Fiandaca, Mark J
  APPLICANT: Coull, James M
  TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
  TITLE OF INVENTION: Nucleic Acids Electrostatically Bound To Matrices
  FILE REFERENCE: BP9807US-CN1
  CURRENT APPLICATION NUMBER: US/10/159,495
  CURRENT FILING DATE: 2002-05-31
  PRIOR APPLICATION NUMBER: 09/456,773
  PRIOR FILING DATE: 1999-12-08
  PRIOR APPLICATION NUMBER: 60/111,439
  PRIOR FILING DATE: 1998-12-08
  NUMBER OF SEQ ID NOS: 15
  SOFTWARE: PatentIn Ver. 2.1
  SEQ ID NO 7
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
FEATURE:
  OTHER INFORMATION: Description of Artificial Sequence: synthetic
  OTHER INFORMATION: probe, primer or target
US-10-159-495-7
  Query Match      0.8%; Score 13.2; DB 1; Length 20;
  Best Local Similarity 83.3%; Pred. No. 8.4e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAAAC 781
||||| ||||| |||||
Db 20 TGCTCAAGGCTCAACC 3

RESULT 1369
US-10-181-107-121
Sequence 121, Application US/10181107
Publication No. US20030083295A1
GENERAL INFORMATION:
  APPLICANT: Hong Zhang
  APPLICANT: Lex M. Cowsert
  TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
  FILE REFERENCE: RTSP-0325
  CURRENT APPLICATION NUMBER: US/10/181,107
  CURRENT FILING DATE: 2002-07-11
  PRIOR APPLICATION NUMBER: PCT/US01/00888
  PRIOR FILING DATE: 2001-01-11
  PRIOR APPLICATION NUMBER: 09/484,617
  PRIOR FILING DATE: 2000-01-18
  NUMBER OF SEQ ID NOS: 176
  SEQ ID NO 121
  LENGTH: 20
  TYPE: DNA
  ORGANISM: Artificial Sequence
FEATURE:
  OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-121
  Query Match      0.8%; Score 13.2; DB 1; Length 20;
  Best Local Similarity 83.3%; Pred. No. 8.4e+02;
  Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 581 GCTATCTGAGATTGGCT 598
||||| ||||| |||||
Db 3 GTCTCTCTGAGTTGGCT 20

RESULT 1370
US-10-181-107-165
Sequence 165, Application US/10181107
Publication No. US20030083295A1
GENERAL INFORMATION:
  APPLICANT: Hong Zhang
  APPLICANT: Lex M. Cowsert
```

US-10-181-846-74
Sequence 74, Application US/10181846
Publication No. US20030083297A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION
FILE REFERENCE: RSTP-0363
CURRENT APPLICATION NUMBER: US/10/181,846
CURRENT FILING DATE: 2002-07-17
PRIOR APPLICATION NUMBER: PCV/US01/01416
PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: 09/490,692

482 TACCAGCTGACATCCGGCTG 501
||||| : |||||
1 TCCAGTTCAGTCCGGCTG 20

SULT 1374

-10-159-322-7/c
Sequence 7, Application US/10159322
Publication No. US20030091988A1
GENERAL INFORMATION:
APPLICANT: Johansen, Jack T
APPLICANT: Hyldig-Nielsen, Jens J
APPLICANT: Flandaca, Mark J
APPLICANT: Coll, James M
TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
TITLE OF INVENTION: Nucleic Acids Electrostatically Bound To Matrices
FILE REFERENCE: BP9807US-DV1
CURRENT APPLICATION NUMBER: US/10/159,322
CURRENT FILING DATE: 2002-05-31
PRIOR APPLICATION NUMBER: 09/456,773
PRIOR FILING DATE: 1999-12-08
PRIOR APPLICATION NUMBER: 60/111,439
PRIOR FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic
OTHER INFORMATION: probe, primer or target
-10-159-322-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

764 TGCTCAGGACTCAAC 781
||||| |||||
20 TGCTCAGGCTCAAC 3

SULT 1375

-10-154-251-82/c
Sequence 82, Application US/10154251
Publication No. US20030092024A1
GENERAL INFORMATION:
APPLICANT: Youngman, Philip
APPLICANT: Fritz, Christian
APPLICANT: Murphy, Christopher
APPLICANT: Guzman, Luz-Maria
TITLE OF INVENTION: ESSENTIAL
FILE REFERENCE: 06286-060002
CURRENT APPLICATION NUMBER: US/10/154,251
CURRENT FILING DATE: 2002-09-16
PRIOR APPLICATION NUMBER: US 10/154,251
PRIOR FILING DATE: 2002-05-22
NUMBER OF SEQ ID NOS: 102
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
-10-154-251-82

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1700 ACTCTCTGCTTCTTGGCC 1717
||||| |||||
20 ATTCTCTGCTTCTTGGCC 3

RESULT 1376

US-10-118-783-62/c
; Sequence 62, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Carolyn A.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-62

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1393 ACCAAGCTGTGCGAGTTT 1410
||||| |||||
DB 19 ATCCAGCTGTGCGAGTTT 2

RESULT 1377

US-10-094-458A-33/c
; Sequence 33, Application US/10094458A
; Publication No. US20030097685A1
; GENERAL INFORMATION:
; APPLICANT: BENNING, CHRISTOPHER
; APPLICANT: CERNAC, ALEX
; TITLE OF INVENTION: LIPID METABOLISM REGULATORS IN PLANTS
; FILE REFERENCE: 16313.0097
; CURRENT APPLICATION NUMBER: US/10/094,458A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 60/274,170
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-094-458A-33

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CAAAAGCAGCTCACAGA 686
||||| |||||
DB 19 CAAAATCAAGCTCCCTGA 2

RESULT 1378

US-10-143-266-8
; Sequence 8, Application US/10143266
; Publication No. US20030108987A1
; GENERAL INFORMATION:


```

; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-8

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      829 CTCACCCCTGCTTTGAG 846
Db      3 CTCACCCCTGCTTTCCAG 20

RESULT 1379
US-10-190-012-18/c
; Sequence 18, Application US/10190012
; Publication No. US20030108971A1
; GENERAL INFORMATION:
; APPLICANT: Alessi, Dario R
; TITLE OF INVENTION: ENZYME
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jaeckle Fleischmann & Mugel, LLP
; STREET: 39 State Street
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14614-1310
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/190,012
; FILING DATE: 05-JUL-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,667
; FILING DATE: 03-OCT-1997
; APPLICATION NUMBER: GB 9705462.1
; FILING DATE: 17-MAR-1997
; APPLICATION NUMBER: GB 9712826.8
; FILING DATE: 19-JUN-1997
; APPLICATION NUMBER: GB 9717253.0
; FILING DATE: 15-AUG-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Braman, Susan J
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 87792.97R421
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 716-262-3640
; TELEFAX: 716-262-4133
; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PCR PRIMER"
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-190-012-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1656 CCACACCCCTCACAGGC 1673
Db      20 CCACACGCCTTACAGGAC 3

RESULT 1380
US-10-006-430-27
; Sequence 27, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-27

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1627 GGCCCCCAGCAGCGCGG 1644
Db      1 GTCCCCAGCAGGCACTGG 18

RESULT 1381
US-10-279-186-20/c
; Sequence 20, Application US/10279186
; Publication No. US20030114407A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
; FILE REFERENCE: ETER-LP-2 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/279,186
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US/10/003,126
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-20

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
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```
atches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
855 CAAGGACCTGAAGCAGTA 872
||||| ||| |||||
19 CAAGGGCGTGCAGCAGTA 2

SULT 1382
-10-232-561-4
Sequence 4, Application US/10232561
Publication No. US20030119772A1
GENERAL INFORMATION:
APPLICANT: Genetta, Thomas
TITLE OF INVENTION: Methods and compositions useful for
FILE OF INVENTION: diagnosis, staging, and treatment of cancers and tumors
FILE REFERENCE: CHOP 00-99
CURRENT APPLICATION NUMBER: US/10/232,561
CURRENT FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: 60/317,300
PRIOR FILING DATE: 2001-09-05
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-232-561-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

623 AGCTGCACAACTGGGCG 640
||||| ||||| |||||
2 AGCTTGACAAAGTGGTGG 19

SULT 1383
-10-006-366-38/c
Sequence 38, Application US/10006366
Publication No. US20030125273A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
FILE REFERENCE: RTS-0332
CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-006-366-38

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

86 GCGGCTCTGAGTTGCTC 103
||||| ||||| |||||
18 GCTGCTCCGAGTTGCAC 1

SULT 1384
-10-007-010-86
Sequence 86, Application US/10007010
Publication No. US20030125275A1
GENERAL INFORMATION:
```

FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-290-473-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 1386
US-10-290-473-34/c
Sequence 34, Application US/10290473
Publication No. US20030134309A1
GENERAL INFORMATION:
APPLICANT: SIDRANSKY, DAVID
TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
SEQUENCE IN TISSUE

NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley Horn Jubas & Lubitz
STREET: 1880 Century Park East, Suite 500
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90067

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/290,473
FILING DATE: 08-No. US20030134309A1-2002
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,727
FILING DATE: 12-MAY-1997

APPLICATION NUMBER: 08/299,477
FILING DATE: 31-AUG-1994
APPLICATION NUMBER: <Unknown>
FILING DATE: August 31, 1994

ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin, Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-3485
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-455-5100
TELEFAX: 619-455-5110
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 34:

US-10-290-473-34
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592

Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 1387
US-10-348-485-44
Sequence 44, Application US/10348485
Publication No. US20030148989A1
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Dean, Nicholas M.
APPLICANT: Holmlund, Jon T.
APPLICANT: Dorr, F. Andrew

TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
FILE REFERENCE: ISIS4954
CURRENT APPLICATION NUMBER: US/10/348,485
CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/10/025,139

PRIOR FILING DATE: 2001-12-18

PRIOR APPLICATION NUMBER: US 08/829,637

PRIOR FILING DATE: 1997-03-31

PRIOR APPLICATION NUMBER: US 08/478,178

PRIOR FILING DATE: 1995-06-07

PRIOR APPLICATION NUMBER: US 08/089,996

PRIOR FILING DATE: 1993-07-09

PRIOR APPLICATION NUMBER: US 07/852,852

PRIOR FILING DATE: 1992-03-16

NUMBER OF SEQ ID NOS: 121

SOFTWARE: PatentIn version 3.1

SEQ ID NO 44

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-348-485-44
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGAGGCGAGCC 1678

Db 3 CCGTCTCAGGCGAGCC 20

RESULT 1388

US-10-320-095-5/c

Sequence 5, Application US/10320095

Publication No. US20030149258A1

GENERAL INFORMATION:

APPLICANT: Lee, Yeon-su

APPLICANT: Kim, Mi-kyung

APPLICANT: Lee, Jung-ham

TITLE OF INVENTION: MULTIPLEX PCR PRIMER SET FOR HUMAN HNF-1 ALPHA GENE AMPLIFICATION

FILE REFERENCE: YPL-0046

CURRENT APPLICATION NUMBER: US/10/320,095

CURRENT FILING DATE: 2002-12-16

PRIOR APPLICATION NUMBER: Korean 2001-80909

PRIOR FILING DATE: 2001-12-18

NUMBER OF SEQ ID NOS: 31

SOFTWARE: PatentIn version 3.1

SEQ ID NO 5

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: forward primer for amplifying exon1 of MODY3 gene

US-10-320-095-5
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

496 CGGCTGCCTGAGGCTTAC 513
|||||||
19 CGGCTGCCACAGGCCAC 2

SULT 1389
-10-376-566-32/c
Sequence 32, Application US/10376566
Publication No. US20030158144A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Mark P. Roach
APPLICANT: Erich Koller
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION
FILE REFERENCE: RTS-0347
CURRENT APPLICATION NUMBER: US/10/376,566
CURRENT FILING DATE: 2003-02-27
PRIOR APPLICATION NUMBER: US/10/005,058
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-376-566-32

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

697 GCACTCAAGGAGATCAGA 714
|||||||
20 GAATTCAAGGAGATGAGA 3

SULT 1390
-10-255-478-39
Sequence 39, Application US/10255478
Publication No. US20030165498A1
GENERAL INFORMATION:
APPLICANT: Mezes, Peter S.
APPLICANT: Richard, Ruth A.
APPLICANT: Johnson, Kimberly S.
APPLICANT: Schlom, Jeffrey
APPLICANT: Kashmiri, Syed V.S.
APPLICANT: Shu, Liming
APPLICANT: Padlan, Eduardo A.
TITLE OF INVENTION: Composite Antibodies of Humanized Human Subgroup IV Light Chain
TITLE OF INVENTION: Capable of Binding to TAG-72
FILE REFERENCE: 37777E
CURRENT APPLICATION NUMBER: US/10/255,478
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: US/08/961,309
PRIOR FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: US 60/030,173
PRIOR FILING DATE: 1996-10-31
PRIOR APPLICATION NUMBER: US 08/261,354
PRIOR FILING DATE: 1994-06-16
PRIOR APPLICATION NUMBER: US 07/964,536
PRIOR FILING DATE: 1992-10-20
PRIOR APPLICATION NUMBER: US 07/510,697
PRIOR FILING DATE: 1990-07-17
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Microsoft Word 97 SR-2
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: Primer 3 VL, noncoding

LOCATION: 1..20
OTHER INFORMATION: Reverse oligonucleotide primer for generating DNA encoding a
US-10-255-478-39

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1335 AGCGAGGCCCTTTTGAG 1352
|||||||
Db 1 AGCGCGGCCCGTTTCAG 18

RESULT 1391
US-10-133-779-169
Sequence 169, Application US/10133779
Publication No. US20030165844A1
GENERAL INFORMATION:
APPLICANT: Chow, Robert
APPLICANT: Tonai, Richard
APPLICANT: StemCyte, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-0002100S
CURRENT APPLICATION NUMBER: US/10/133,779
CURRENT FILING DATE: 2002-04-25
PRIOR APPLICATION NUMBER: US/09/747,391
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: US 60/172,768
PRIOR FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 169
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-133-779-169

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 8.4e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Oy 1427 TCTCCGACAGAGATGCCATG 1446
|||||||
Db 1 TCCYCGCAGAGATTCTGTG 20

RESULT 1392
US-10-114-544-18/c
Sequence 18, Application US/10114544
Publication No. US20030166592A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTSP-0240
CURRENT APPLICATION NUMBER: US/10/114,544
CURRENT FILING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 10/019,470
PRIOR FILING DATE: 2001-12-28
PRIOR APPLICATION NUMBER: US 09/357,071
PRIOR FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-114-544-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 125 TGGATCGATGAGGAAGA 142
| | | | | | | | | | | | | | | | | | | | | |
Db 19 TGGATCGATAGGAAGA 2

RESULT 1393
US-10-178-738-4/c
; Sequence 4, Application US/10178738
; Publication No. US20030166596A1
; GENERAL INFORMATION:
; APPLICANT: YANAI, Yoshiaki
; APPLICANT: ARIYASU, Harumi
; APPLICANT: OHTA, Tsunetaka
; APPLICANT: KURIMOTI, Masashi
; TITLE OF INVENTION: DNA WHICH ENCODES TREHALASE AND USES THEREOF
; FILE REFERENCE: YANAI=1
; CURRENT APPLICATION NUMBER: US/10/178,738
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US/09/578,921
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: JP 147284/1999
; PRIOR FILING DATE: 1999-05-26
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide based on conserved nucleotide sequences
; OTHER INFORMATION: in cDNAs for human and rat trehalase
US-10-178-738-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1481 TCCACAACTTCCTGACA 1498
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TCCACAACTGCTGTGCA 3

RESULT 1394
US-10-326-190A-8
; Sequence 8, Application US/10326190A
; Publication No. US20030170215A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Wang, Yanping
; APPLICANT: AmCye Inc.
; TITLE OF INVENTION: In Situ Maturation of Cultured Pancreatic Stem Cells
; TITLE OF INVENTION: Having a Specified, Intermediate Stage of Development
; FILE REFERENCE: 021164-000210US
; CURRENT APPLICATION NUMBER: US/10/326,190A
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/342,250
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:insulin LC RED
US-10-326-190A-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 505 GAGGGCTACCTGGAGAG 522
| | | | | | | | | | | | | | | | | | | | | |
Db 3 GAGGGGTCCTGCAGAAG 20

RESULT 1395
US-10-020-721-6
; Sequence 6, Application US/10020721
; Publication No. US20030170629A1
; GENERAL INFORMATION:
; APPLICANT: HITACHI SOFTWARE ENGINEERING CO., LTD.
; TITLE OF INVENTION: DETECTION METHOD AND DETECTION KIT FOR PCR AMPLIFIED
; FILE REFERENCE: PH-1431
; CURRENT APPLICATION NUMBER: US/10/020,721
; CURRENT FILING DATE: 2001-12-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-020-721-6
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Q/ 1386 CCTCCTCACCACGCTGTT 1403
| | | | | | | | | | | | | | | | | | | | | |
Db 2 CCTCATCTCCACGCTGTT 19

RESULT 1396
US-10-305-810-18/c
; Sequence 18, Application US/10305810
; Publication No. US20030176385A1
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingfang
; APPLICANT: Huang, Chunli
; APPLICANT: Zhong, Haibong
; APPLICANT: Simons, Jan Fredrik
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Chant, John S.
; APPLICANT: Peyman, John A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Millet, Isabelle
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
; FILE REFERENCE: 21402-501
; CURRENT APPLICATION NUMBER: US/10/305,810
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/334,148
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/336,572
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/625,634
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/192,838
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/194,256
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/970,813
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/182,637
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 60/240,316
; PRIOR FILING DATE: 2000-10-13

Remaining Prior Application data removed - See File Wrapper or PALM.

```

NUMBER OF SEQ ID NOS: 47
SOFTWARE: CuroSeqlist version 0.1
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: CG50249-01-AS2
-10-305-810-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

517 GAGAAAGCTGACCTCAAT 534
||||| ||||| ||||| |||||
18 GAGAGGGTGATCCTCAAT 1

SULT 1397
-10-262-666-37
Sequence 37, Application US/10262666
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Nakayama, Biichi
APPLICANT: Ono, Toshiro
APPLICANT: Old, Lloyd J.
APPLICANT: Hasegawa, Kosei
APPLICANT: Matsushita, Hirokazu
TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
FILE REFERENCE: L00461.70140
CURRENT APPLICATION NUMBER: US/10/262,666
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: PCT/US02/12497
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US 60/356,937
PRIOR FILING DATE: 2002-02-14
PRIOR APPLICATION NUMBER: US 60/285,343
PRIOR FILING DATE: 2001-04-20
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn version 3.1
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
-10-262-666-37

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1059 AATCCCAACAAGACATA 1076
||||| ||||| ||||| |||||
1 ACTCCCAACAAGGCATA 18

SULT 1398
-10-314-810-17/c
Sequence 17, Application US/10314810
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/10/314,810
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/09/841,366
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020

10017621-3sl.rnpb
PRIORITY FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: D3S2432 primer
US-10-314-810-17

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1702 TCTCTGCTACCTGCTG 1719
||||| ||||| ||||| |||||
20 TGTCTATCTACCTGCTG 3

Db

RESULT 1399
US-10-314-810-48/c
Sequence 48, Application US/10314810
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/10/314,810
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/09/841,366
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: FGA primer
US-10-314-810-48

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

575 GTGTCAGCCTATCTGAGA 592
||||| ||||| ||||| |||||
20 GTGTCAGAGATCTGAGA 3

Db

RESULT 1400
US-10-417-719-15/c
Sequence 15, Application US/10417719
Publication No. US20030180784A1
GENERAL INFORMATION:
APPLICANT: Millennium Pharmaceuticals, Inc
APPLICANT: McCarthy, Sean
APPLICANT: Gearing, David
TITLE OF INVENTION: HUMAN DELTA3 AND USES THEREOF
FILE REFERENCE: MB101997-002CF2M
CURRENT APPLICATION NUMBER: US/10/417,719
CURRENT FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: US/09/568,218
PRIOR FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: 08/872,855
PRIOR FILING DATE: 1997-06-11
PRIOR APPLICATION NUMBER: 08/832,633
```

```

; PRIOR FILING DATE: 1997-04-04
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-417-719-15

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1603 ACCGAGTCTTAAGCCACA 1620
Db      19 ACCGAGGTCCAAGCCGCA 2

RESULT 1401
US-10-032-585-4081
; Sequence 4081, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4081

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      916 CTGCTCTCTGTTCCAGCTG 933
Db      1 CTGCTGCTGCTCCAGCTG 18

RESULT 1402
US-10-032-585-4186
; Sequence 4186, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4186

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      916 CTGCTCTCTGTTCCAGCTG 933
Db      1 CTGCTGCTGCTCCAGCTG 18

RESULT 1403
US-10-032-585-4350/c
; Sequence 4350, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4350

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      364 GAGAGTGACCCAGGCTTCA 381
Db      19 GATAGTGCCAGGCATCA 2

RESULT 1404
US-10-084-839-2495/c
; Sequence 2495, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2495
; LENGTH: 20
; TYPE: DNA
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-10-084-839-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1307 TCAAGACATCAACTACC 1324
|||||
20 TCAAGACCTAGCGCTACC 3

SULT 1405
-10-109-349A-89/c
Sequence 89, Application US/10109349A
Publication No. US20030186246A1
GENERAL INFORMATION:
APPLICANT: Medical College of Ohio
APPLICANT: Willey, James C.
APPLICANT: Crawford, Erin L.
TITLE OF INVENTION: MULTIPLEX STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION
FILE REFERENCE: 01154/2001-203
CURRENT APPLICATION NUMBER: US/10/109,349A
CURRENT FILING DATE: 2002-06-12
NUMBER OF SEQ ID NOS: 282
SOFTWARE: PatentIn version 3.1
SEQ ID NO 89
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-10-109-349A-89

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1328 AGTACCGAGCGAGGCC 1345
|||||
20 AGTCCGAGCGAGACCC 3

SULT 1406
-10-165-099-164
Sequence 164, Application US/10165099
Publication No. US20030188326A1
GENERAL INFORMATION:
APPLICANT: D'Andrea, Alan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
FILE REFERENCE: 7032/2055
CURRENT APPLICATION NUMBER: US/10/165,099
CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 09/998,027
PRIOR FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 60/245,756
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 352
SOFTWARE: PatentIn version 3.1
SEQ ID NO 164
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Primer
-10-165-099-164

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 868 CAGTACCTGGATGACTGT 885
|||||
Db 2 CAGTGCCTTGGTACTGT 19

RESULT 1407
US-10-276-401-48/c
Sequence 48, Application US/10276401
Publication No. US20030190645A1
GENERAL INFORMATION:
APPLICANT: KeyGene N.V.
TITLE OF INVENTION: Microsatellite-AFLP
FILE REFERENCE: VAN ELJK-3
CURRENT APPLICATION NUMBER: US/10/276,401
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: BO-43224
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 00201725.9
PRIOR FILING DATE: 2000-05-15
PRIOR APPLICATION NUMBER: 01200104.6
PRIOR FILING DATE: 2001-01-01
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn version 3.2
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: primer
US-10-276-401-48

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 279 TCCTGGGGAAGCTTCGTC 296
|||||
Db 19 TGCTAGGGAAGCTTCGTC 2

RESULT 1408
US-10-080-979-52/c
Sequence 52, Application US/10080979
Publication No. US20030191075A1
GENERAL INFORMATION:
APPLICANT: Cook, Philip Dan
APPLICANT: Manoharan, Muthiah
APPLICANT: Bennett, Frank C.
TITLE OF INVENTION: Oligonucleotide Conjugates For Hepatic Delivery
FILE REFERENCE: Isis-5028
CURRENT APPLICATION NUMBER: US/10/080,979
CURRENT FILING DATE: 2002-02-22
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.1
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-10-080-979-52

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCACGCTGTGC 1405
|||||
Db 19 TCCTCACCACGCGCTCC 2

RESULT 1409
US-10-463-509-18


```
; Sequence 18, Application US/10463509
; Publication No. US20030203468A1
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; Klein, Kathrin
; Schiweck, Hubert
; Kunz, Markwart
; Munir, Mohammed
; TITLE OF INVENTION: Preparation of Acariogenic Sugar
; Substitutes
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,509
; FILING DATE: 18-Jun-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,155A
; FILING DATE: 18-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05638-0006-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-463-509-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 8.4e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACAGCTGACATCCGCTG 501
      |||||
Db 1 TCCAGTTCAGTCCGCTG 20

RESULT 1410
US-10-448-836-25/c
; Sequence 25, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 1999-05-29
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-836-81

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TGGCGACACCATCCCCCAG 442
      |||||
Db 18 TGTGCACCCAGCCCCCAG 1

RESULT 1412
US-10-148-835-133/c
```

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; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium
; OTHER INFORMATION: complex(MAC)
US-10-448-836-25

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1644 GCTGGAGGGATGCCACAC 1661
      |||||
Db 18 GATGGAGGGACTCCACAC 1

RESULT 1411
US-10-448-836-81/c
; Sequence 81, Application US/10448836
; Publication No. US20030207313A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-836-81

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 425 TGGCGACACCATCCCCCAG 442
      |||||
Db 18 TGTGCACCCAGCCCCCAG 1

RESULT 1412
US-10-148-835-133/c
```

Sequence 133, Application US/10148835
Publication No. US20030207380A1
GENERAL INFORMATION:
APPLICANT: SAITO et al.
TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
FILE REFERENCE: 2185-0648P
CURRENT APPLICATION NUMBER: US/10/148,835
CURRENT FILING DATE: 2002-10-11
NUMBER OF SEQ ID NOS: 213
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 133
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Designed
OTHER INFORMATION: oligonucleotide probe for Southern hybridization
-10-148-835-133
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1685 ACATCTTCCCTGCTTACT 1702
|||||
18 ACATTTTCCCGTTCCT 1
RESULT 1413
-10-463-569-18
Sequence 18, Application US/10463569
Publication No. US20030207437A1
GENERAL INFORMATION:
APPLICANT: Mattes, Ralf
Klein, Kathrin
Schwieck, Hubert
Kunz, Markwart
Munir, Mohammed
TITLE OF INVENTION: Preparation of Acariogenic Sugar
Substitutes
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
Dunnen
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/463,569
FILING DATE: 18-Jun-2003
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/374,155
FILING DATE: 18-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Fortman, David S
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05638.0006-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (geonomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-463-569-18
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 8.4e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 482 TACAGCTGACATCGGCTG 501
|||||
DB 1 TCCCACTTCAGTCCGGCTG 20
RESULT 1414
US-10-182-230-177
Sequence 177, Application US/10182230
Publication No. US20030215817A1
GENERAL INFORMATION:
APPLICANT: Leonardi, Amedeo
APPLICANT: Sartani, Abraham
APPLICANT: Glass, James R.
APPLICANT: Sutcliffe, J. Gregor
APPLICANT: Hasel, Karl W.
TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerosis
FILE REFERENCE: 216019-143
CURRENT APPLICATION NUMBER: US/10/182,230
CURRENT FILING DATE: 2003-02-03
PRIOR APPLICATION NUMBER: 60/177,963
PRIOR FILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 197
SOFTWARE: PatentIn version 3.1
SEQ ID NO 177
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: RT-PCR 5' PCR primer for RECI
OTHER INFORMATION: _17 clone
US-10-182-230-177
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 235 GGTGGTGGCGGCGAGTGAC 252
|||||
DB 1 GGTCGTATCGGCGAGTGAC 18
RESULT 1415
US-10-136-145-29/c
Sequence 29, Application US/10136145
Publication No. US20030216559A1
GENERAL INFORMATION:
APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
TITLE OF INVENTION: Melanoma associated antigenic polypeptide,
epitopes thereof and vaccine against melanoma.
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSER: Adema, Gosse Jan; Figdor, Carl Gustav
STREET: Philips van Leydenlaan 25
CITY: Nijmegen
STATE: Brabant
COUNTRY: the Netherlands
ZIP: 6525 EX
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/10/136,145
; FILING DATE: 01-May-2002
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,952B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-136-145-29

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 314 GCTCTGCACGAGATG 331
DQ 20 GTTCTGCACGAGACTG 3

RESULT 1416
US-10-401-194-34
; Sequence 34, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MPI02-041PIRNM
; CURRENT APPLICATION NUMBER: US/10/401,194
; PRIOR FILING DATE: 2003-03-27
; CURRENT APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-34

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAAGCTGTG 1404
DQ 1 CTCCTCACCTGTGTG 18

RESULT 1417
US-10-055-624B-15/c
; Sequence 15, Application US/10055624B
; Publication No. US2003022038A1
; GENERAL INFORMATION:
; APPLICANT: Adams, Sean H
; APPLICANT: Chui, Clarissa
; APPLICANT: Goddard, Audrey D
; APPLICANT: Grimaldi, J. Christopher
; TITLE OF INVENTION: BFIT COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: 98C0081-0066
; CURRENT APPLICATION NUMBER: US/10/055,624B
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/263,362
; PRIOR FILING DATE: 2002-01-22
; NUMBER OF SEQ ID NOS: 23
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer oligonucleotide
US-10-055-624B-15

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 452 CCACTGAGGCATCAACA 469
DQ 18 CCACTGAGGCATCTAGA 1

RESULT 1418
US-10-360-510-363/c
; Sequence 363, Application US/10360510
; Publication No. US20030220282A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIB EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/10/360,510
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/854,883
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 389
; SEQ ID NO 363
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-360-510-363

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 GGAACTGGAGACTACA 619
DQ 19 GGGAACCTGAAGACCTCCA 2

RESULT 1419
US-10-162-846-16/c
; Sequence 16, Application US/10162846
; Publication No. US20030224516A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROX-1 EXPRESSION
; FILE REFERENCE: RTS-0421
; CURRENT APPLICATION NUMBER: US/10/162,846
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```



```
Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-142

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GTGGGAACATCATCAACA 901
||||| ||||| |||||
Db 3 GTGGCTACTTCATCAACA 20

RESULT 1425
US-10-174-128-40
; Sequence 40, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174,128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-40

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
||||| ||||| |||||
Db 3 CACGCGCTGGGCACCAG 20

RESULT 1426
US-10-174-128-72/c
; Sequence 72, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174,128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-72

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
||||| ||||| |||||
Db 3 CACGCGCTGGGCACCAG 20

Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-142

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GTGGGAACATCATCAACA 901
||||| ||||| |||||
Db 3 GTGGCTACTTCATCAACA 20

RESULT 1425
US-10-174-128-40
; Sequence 40, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174,128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-40

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
||||| ||||| |||||
Db 3 CACGCGCTGGGCACCAG 20

RESULT 1426
US-10-174-128-72/c
; Sequence 72, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174,128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-72

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
||||| ||||| |||||
Db 18 CACGCGCTGGGCACCAG 1

RESULT 1427
US-10-174-460-21/c
; Sequence 21, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-21

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1166 TGGGCTGCATCTTCTATG 1183
||||| ||||| |||||
Db 19 TGGGCTGCAGCTCCTGTG 2

RESULT 1428
US-10-175-492-73
; Sequence 73, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-73

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 GGAAGTGTCCCTGCTCAA 770
||||| ||||| |||||
Db 1 GGAGGTGTCTTACTCAA 18

RESULT 1429
US-10-175-492-149/c
; Sequence 149, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRESSION
```

FILE REFERENCE: RTS-0435
CURRENT APPLICATION NUMBER: US/10/175,492
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-175-492-149

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

753 GGAGTGTCCTTACTCAA 770
||| ||||| |||||
20 GGAGTGTCCTTACTCAA 3

RESULT 1430
-10-174-020-38
Sequence 38, Application US/10174020
Publication No. US20030232770A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HYPOTHETICAL TUMOR ENDOTHELIAL MARKER EXP
FILE REFERENCE: RTS-0369
CURRENT APPLICATION NUMBER: US/10/174,020
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 149
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-174-020-38

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

949 TACTGCCACGGCAGAG 966
||| ||||| |||||
3 TAATGCTCGGAGAG 20

RESULT 1431
3-10-448-914A-25/c
Sequence 25, Application US/10448914A
Publication No. US20030235856A1
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT APPLICATION NUMBER: US/10/448,914A
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

425 TCGCAACCATCCCCAC 442
||| ||||| |||||
18 TGTGCACCCAGCCCCAC 1

RESULT 1433
US-10-452-002A-20/c
Sequence 20, Application US/10452002A
Publication No. US20030236195A1
GENERAL INFORMATION:
APPLICANT: Jerald S. Feitelson
APPLICANT: H. Ernest Schnepf
APPLICANT: Kenneth E. Narva
APPLICANT: Brian A. Stockhoff
APPLICANT: James L. Schmeits

FILE REFERENCE: RTS-0435
CURRENT APPLICATION NUMBER: US/10/175,492
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
-10-175-492-149

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

753 GGAGTGTCCTTACTCAA 770
||| ||||| |||||
20 GGAGTGTCCTTACTCAA 3

RESULT 1430
-10-174-020-38
Sequence 38, Application US/10174020
Publication No. US20030232770A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HYPOTHETICAL TUMOR ENDOTHELIAL MARKER EXP
FILE REFERENCE: RTS-0369
CURRENT APPLICATION NUMBER: US/10/174,020
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 149
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-174-020-38

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

949 TACTGCCACGGCAGAG 966
||| ||||| |||||
3 TAATGCTCGGAGAG 20

RESULT 1431
3-10-448-914A-25/c
Sequence 25, Application US/10448914A
Publication No. US20030235856A1
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
APPLICANT: KIM, Cheol Min
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: PP05020/PCT
CURRENT APPLICATION NUMBER: US/10/448,914A
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

425 TCGCAACCATCCCCAC 442
||| ||||| |||||
18 TGTGCACCCAGCCCCAC 1

RESULT 1433
US-10-452-002A-20/c
Sequence 20, Application US/10452002A
Publication No. US20030236195A1
GENERAL INFORMATION:
APPLICANT: Jerald S. Feitelson
APPLICANT: H. Ernest Schnepf
APPLICANT: Kenneth E. Narva
APPLICANT: Brian A. Stockhoff
APPLICANT: James L. Schmeits

```
; APPLICANT: David Loewer
; APPLICANT: Charles J. Dullum
; APPLICANT: Judy Muller-Cohn
; APPLICANT: Lisa Stamp
; APPLICANT: George Morrill
; APPLICANT: Stacey Finstad Lee
; TITLE OF INVENTION: No. US20030236195A1el Pesticidal Proteins and Methods of Using TH
; FILE REFERENCE: MA708C2D1
; CURRENT APPLICATION NUMBER: US/10/452,002A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 09/307,106
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/073,898
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/960,780
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: 60/029,848
; PRIOR FILING DATE: 1996-10-30
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: primer
US-10-452-002A-20

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACTTCTTCATCT 1246
      |||||
Db      19 AACAGCTACTTCTTCCTTT 2

RESULT 1434
US-10-452-002A-27
; Sequence 27, Application US/10452002A
; Publication No. US20030236195A1
; GENERAL INFORMATION:
; APPLICANT: Jerald S. Feitelson
; APPLICANT: H. Ernest Schnepf
; APPLICANT: Kenneth E. Narva
; APPLICANT: Brian A. Stockhoff
; APPLICANT: James L. Schmeils
; APPLICANT: David Loewer
; APPLICANT: Charles J. Dullum
; APPLICANT: Judy Muller-Cohn
; APPLICANT: Lisa Stamp
; APPLICANT: George Morrill
; APPLICANT: Stacey Finstad Lee
; TITLE OF INVENTION: No. US20030236195A1el Pesticidal Proteins and Methods of Using TH
; FILE REFERENCE: MA708C2D1
; CURRENT APPLICATION NUMBER: US/10/452,002A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 09/307,106
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/073,898
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/960,780
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: 60/029,848
; PRIOR FILING DATE: 1996-10-30
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: primer
US-10-452-002A-27

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACTTCTTCATCT 1246
      |||||
Db      2 AACAGCTACTTCTTCCTTT 19

RESULT 1435
US-10-186-157-57/c
; Sequence 57, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-57

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      537 CCCATCTTTGACAAAGCC 554
      |||||
Db      18 CCGATCATTTGACAAAGCC 1
```

```
RESULT 1436
US-10-174-014-29/c
; Sequence 29, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-29
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      146 AACGGCAGCTGTCATGA 163
      |||||
Db      20 AAAGGCAGATGTAAATGA 3
```

RESULT 1437

```
-10-188-646-28
Sequence 28, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-646-28
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1214 GCTCCACGGTGGAGAAC 1231
19 GGTCCACGGTGCAGGCAC 2
RESULT 1440
US-10-188-646-107
; Sequence 107, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-188-646-107
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1661 CCCCTCACAGGGCAGGCC 1678
1 CCGCTCTCTGGGCGAGCCC 18
RESULT 1441
US-10-188-779A-132/c
; Sequence 132, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-132
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
979 GACCTCAAGCCCGAGAAC 996
19 GACCTGAAGCCGAGAAC 2
RESULT 1442
US-10-349-143-5836/c
; Sequence 5836, Application US/10349143
```

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-10-188-646-28
Sequence 28, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-646-28
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1214 GCTCCACGGTGGAGAAC 1231
2 GGTCCACGGTGCAGGCAC 19
RESULT 1438
US-10-188-646-32/c
Sequence 32, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-188-646-32
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1661 CCCCTCACAGGGCAGGCC 1678
20 CCGCTCTCTGGGCGAGCCC 3
RESULT 1439
US-10-188-646-103/c
Sequence 103, Application US/10188646
Publication No. US20040005565A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
FILE REFERENCE: RTS-0373
CURRENT APPLICATION NUMBER: US/10/188,646
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
```



```
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5836
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-7212 for SEQ 1902,
US-10-349-143-5836

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1525 ATTCAAGTCAACAAAGGAG 1542
||||| ||||| ||||| |||||
Cb 19 ATTCAATTACATAGGAG 2

RESULT 1443
US-10-349-143-8572/c
Sequence 8572, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8572
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-1664 for SEQ 707, in complement
US-10-349-143-8572

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1302 GGATTCAGACATACAA 1319
```

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||||| | ||||| |||||
Db 20 GGAGATAGACATACAA 3

RESULT 1444
US-10-402-089-14
Sequence 14, Application US/10402089
Publication No. US20040005663A1
GENERAL INFORMATION:
APPLICANT: Bell, Marcus P.
APPLICANT: Neff, Thomas B.
APPLICANT: Polarek, James W.
APPLICANT: Seeley, Todd W.
TITLE OF INVENTION: PORCINE COLLAGENS AND GELATINS
FILE REFERENCE: FP0402.3 CON
CURRENT APPLICATION NUMBER: US/10/402,089
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICATION NUMBER: US 09/709,700
PRIOR FILING DATE: 2000-11-10
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-402-089-14

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 39 GCGAGGAGGACGACGAGT 56
||||| ||||| ||||| |||||
Db 1 GCCAGGAGCACGACGCAAT 18

RESULT 1445
US-10-177-896-45
Sequence 45, Application US/10177896
Publication No. US20040005705A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
FILE REFERENCE: PTS-0045
CURRENT APPLICATION NUMBER: US/10/177,896
CURRENT FILING DATE: 2002-06-20
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-45

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 393 GGATGAGTGCAGTCTCC 410
||||| ||||| ||||| |||||
Db 3 GCATGATGCCAGTCTCC 20

RESULT 1446
US-10-189-266-51/c
Sequence 51, Application US/10189266
Publication No. US20040006029A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
```

FILE REFERENCE: RTS-0384
CURRENT APPLICATION NUMBER: US/10/189,266
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 150

SEQ ID NO 51

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide

1-10-189-266-51

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1022 TCAAGTCGGCTGACTTTG 1039

18 TTAACTGGCTGATTG 1

RESULT 1447

1-10-289-762-3591/c

Sequence 3591, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3591

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

1-10-289-762-3591

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

819 GGAGAGTCCTCACCCT 836

19 GGACAAAGTAGCTCACCCT 2

RESULT 1448

1-10-289-762-3605

Sequence 3605, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 3605

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

1-10-289-762-3605

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

756 AGTGTCCTGCTCAAGGA 773

Db 2 AGATTCCTCTCTCAAGGA 19

RESULT 1449

US-10-289-762-4303

Sequence 4303, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4303

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-4303

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 186 AGACAGACCAATGGTGC 203

2 AGAGAAGACCTTTGGTGC 19

RESULT 1450

US-10-289-762-4426

Sequence 4426, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 4426

LENGTH: 20

TYPE: DNA

ORGANISM: Chlamydia pneumoniae

US-10-289-762-4426

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TGACCTCTGGAGAGCCCC 266

1 TGTCCTCTAGAGAGACCCC 18

RESULT 1451

US-10-289-762-4963

Sequence 4963, Application US/10289762

Publication No. US20040006218A1

GENERAL INFORMATION:

APPLICANT: Griffais, R.

TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

TITLE OF INVENTION: and treatment of infection

FILE REFERENCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/10/289,762

CURRENT FILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 6849

```
SEQ ID NO 4963
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-4963

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1637 GGCAGCGCTGGAGGAT 1654
Db 1 GGCAGAGCTGGAAGAT 18

RESULT 1452
US-10-428-487-81
; Sequence 81, Application US/10428487
; Publication No. US20040006780A1
; GENERAL INFORMATION:
; APPLICANT: GERBER, HANS-PETER
; TITLE OF INVENTION: VRGP-MODULATED GENES AND METHODS EMPLOYING THEM
; FILE REFERENCE: 0960080-0103
; CURRENT APPLICATION NUMBER: US/10/428,487
; PRIOR FILING DATE: 2003-05-02
; PRIOR APPLICATION NUMBER: 09/815,153
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-428-487-81

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGGGC 1170
Db 2 GACAGGTGGGTGAGGC 19

RESULT 1453
US-10-402-072A-14
; Sequence 14, Application US/10402072A
; Publication No. US20040018592A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcum P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Seeley, Todd W.
; TITLE OF INVENTION: BOVINE COLLAGENS AND GELATINS
; FILE REFERENCE: FP0402.2 CON
; CURRENT APPLICATION NUMBER: US/10/402,072A
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-402-072A-14
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 GGCAGGAGGACCAGCAGT 56
Db 1 GGCAGGAGCACCAGCAAT 18

RESULT 1454
US-10-210-479-65/c
; Sequence 65, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-65

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1025 AGCTGGCTGACTTTGGCC 1042
Db 19 AGCTGGCTGCCCTTCGCC 2

RESULT 1455
US-10-210-556-111
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-111

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TCCTGTTCCAGCTGCTCC 937
Db 1 TCCTCTTCCAGCTTGTC 18

RESULT 1456
US-10-210-556-111/c
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
```


; Sequence 189, Application US/10210838
; Publication No. US20040023905A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Sanjay Bhanot

; APPLICANT: Kenneth W. Dobie

; APPLICANT: Susan M. Freier

; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION

; FILE REFERENCE: PTS-0013

; CURRENT APPLICATION NUMBER: US/10/210,838

; CURRENT FILING DATE: 2002-07-31

; NUMBER OF SEQ ID NOS: 198

; SEQ ID NO 189

; LENGTH: 20

; TYPE: DNA

; ORGANISM: M. musculus

; FEATURE:

US-10-210-838-189

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 153 GCTGTCATGACACTCCG 170

|||||

3 GCAGTCAGGACAATCCG 20

RESULT 1462

US-10-211-179-57/c

; Sequence 57, Application US/10211179

; Publication No. US20040023906A1

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXPRESSION

; FILE REFERENCE: PTS-0011

; CURRENT APPLICATION NUMBER: US/10/211,179

; CURRENT FILING DATE: 2002-08-01

; NUMBER OF SEQ ID NOS: 119

; SEQ ID NO 57

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-211-179-57

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1481 TCCACAACTTCTTGACA 1498

|||||

20 TCCACACAGTCCAGACA 3

RESULT 1463

US-10-444-206-26

; Sequence 26, Application US/10444206

; Publication No. US20040023917A1

; GENERAL INFORMATION:

; APPLICANT: Bennett, Clarence Frank

; APPLICANT: Vickers, Timothy A.

; APPLICANT: Karras, James G.

; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the

; TITLE OF INVENTION: Modulation of the Expression of B7 Protein

; FILE REFERENCE:

; CURRENT APPLICATION NUMBER: US/10/444,206

; CURRENT FILING DATE: 2003-05-23

; PRIOR APPLICATION NUMBER: 09/851,871

; PRIOR FILING DATE: 2001-05-09

; PRIOR APPLICATION NUMBER: PCT/US00/14471

; PRIOR FILING DATE: 2000-05-25

; PRIOR APPLICATION NUMBER: 09/326,186

; PRIOR FILING DATE: 1999-06-04

; PRIOR APPLICATION NUMBER: 08/777,266

; PRIOR FILING DATE: 1996-12-31

; NUMBER OF SEQ ID NOS: 444

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 26

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-444-206-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 814 CACACGGAGAGTCCCTC 831

|||||

2 CTCACGTAGAAGACCTC 19

RESULT 1464

US-10-628-841-59

; Sequence 59, Application US/10628841

; Publication No. US20040023918A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wvatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION

; FILE REFERENCE: RFS-0191

; CURRENT APPLICATION NUMBER: US/10/628,841

; CURRENT FILING DATE: 2003-07-28

; PRIOR APPLICATION NUMBER: US/09/972,607

; PRIOR FILING DATE: 2001-10-06

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 59

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-628-841-59

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 8.4e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 927 CCAGCTGCTCGTGGCCT 944

|||||

3 CCAGCTTCTCCCGGCCT 20

RESULT 1465

US-10-462-261-57/c

; Sequence 57, Application US/10462261

; Publication No. US20040029248A1

; GENERAL INFORMATION:

; APPLICANT: Garrett M. Brodeur

; APPLICANT: Peter S. White

; TITLE OF INVENTION: CHDS ENCODING NUCLEIC ACIDS,

; TITLE OF INVENTION: POLYPEPTIDES, ANTIBODIES AND METHODS OF USE THEREOF

; FILE REFERENCE: CHOP0162

; CURRENT APPLICATION NUMBER: US/10/462,261

; CURRENT FILING DATE: 2003-06-16

; PRIOR APPLICATION NUMBER: 60/388,848

; PRIOR FILING DATE: 2002-06-14

; NUMBER OF SEQ ID NOS: 69

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 57

; LENGTH: 20

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
S-10-188-248-115

Qy 142 ATCAAACGGCAGCTGTCA 159
|||||
Db 19 ATCAAACGTGGGCTGTCA 2

```
RESULT 1469
US-10-380-125-71/c
; Sequence 71, Application US/10380125
; Publication No. US20040048818A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RISP-0176
; CURRENT APPLICATION NUMBER: US/10/380,125
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/658,679
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-125-71

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 503 CTGAGGCGCTACCTGGAGA 520
Db 20 CTGAGGACAACCTGCAGA 3

RESULT 1470
US-10-630-401-57
; Sequence 57, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-57

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1334 GAGCCGAGGCCCTTTTGA 1351
Db 2 GAGCAGAGGCCCTCTGA 19

RESULT 1471
US-10-380-195A-12/c
; Sequence 12, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH (DROSOPHILA) HOMOLOG 4 EXPRESSION
; FILE REFERENCE: RTS-0263
```

```
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; FILE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-12

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1591 CGCGTGGTGACACCCGAG 1608
Db 20 CGCGGGGTGCACACCCAG 3

RESULT 1472
US-10-380-195A-55/c
; Sequence 55, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-55

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1591 CGCGTGGTGACACCCGAG 1608
Db 20 CGCGGGGTGCACACCCAG 3

RESULT 1473
US-10-272-810-71
; Sequence 71, Application US/10272810
; Publication No. US20040077568A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH (DROSOPHILA) HOMOLOG 4 EXPRESSION
; FILE REFERENCE: RTS-0263
```

```

CURRENT APPLICATION NUMBER: US/10/272,810
CURRENT FILING DATE: 2002-10-16
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-272-810-71

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1018 GAGCTCAAGCTGGGTGAC 1035
      ||||| ||||| |||||
      2 GAGCAGAAGCTGGCAGAC 19

RESULT 1474
-10-273-070-71
Sequence 71, Application US/10273070
Publication No. US20040077569A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH (DROSOPHILA) HOMOLOG 4 EXPRESSION
FILE REFERENCE: RTS-0231
CURRENT APPLICATION NUMBER: US/10/273,070
CURRENT FILING DATE: 2002-10-16
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-273-070-71

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1018 GAGCTCAAGCTGGGTGAC 1035
      ||||| ||||| |||||
      2 GAGCAGAAGCTGGCAGAC 19

RESULT 1475
-10-274-085-47/c
Sequence 47, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-274-085-47

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1018 GAGCTCAAGCTGGGTGAC 1035
      ||||| ||||| |||||
      2 GAGCAGAAGCTGGCAGAC 19

RESULT 1476
-10-274-085-77/c
Sequence 77, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-085-77

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1027 CTGGCTGACTTTGGCCTG 1044
      ||||| ||||| |||||
      18 CTGGCGGACCTGGGCTG 1

Db
1027 CTGGCTGACTTTGGCCTG 1044
|||
18 CTGGCGGACCTGGGCTG 1

RESULT 1477
US-10-274-085-159
Sequence 159, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-274-085-159

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1709 CTACCTGCTGAGCCATG 1726
      |||
      3 CTCCTGGCTGAGCCACG 20

Db
1709 CTACCTGCTGAGCCATG 1726
|||
3 CTCCTGGCTGAGCCACG 20

RESULT 1478
US-10-274-085-181
Sequence 181, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
```

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QY 1709 CTACCTGCTGAGCCATG 1726
|||
18 CTCCTGGCTGAGCCACG 1

Db
18 CTCCTGGCTGAGCCACG 1

RESULT 1476
US-10-274-085-77/c
Sequence 77, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-085-77

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1027 CTGGCTGACTTTGGCCTG 1044
      ||||| ||||| |||||
      18 CTGGCGGACCTGGGCTG 1

Db
1027 CTGGCTGACTTTGGCCTG 1044
|||
18 CTGGCGGACCTGGGCTG 1

RESULT 1477
US-10-274-085-159
Sequence 159, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 159
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-274-085-159

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

      1709 CTACCTGCTGAGCCATG 1726
      |||
      3 CTCCTGGCTGAGCCACG 20

Db
1709 CTACCTGCTGAGCCATG 1726
|||
3 CTCCTGGCTGAGCCACG 20

RESULT 1478
US-10-274-085-181
Sequence 181, Application US/10274085
Publication No. US20040077570A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
APPLICANT: Sanjay Bhanot
TITLE OF INVENTION: ANTISENSE MODULATION OF FATTY ACID SYNTHASE EXPRESSION
FILE REFERENCE: ISPH-0714
```



```

CURRENT APPLICATION NUMBER: US/10/274,085
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 225
SEQ ID NO 181
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-274-085-181

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1027 CTGGCTGACTTTGGCCTG 1044
||||| ||||| |||||
Db 3 CTGGGGACCTGGGCTG 20

RESULT 1479
US-10-728-509-168/c
; Sequence 168, Application US/10728509
; Publication No. US2004007583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-168

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 78 AGGGCCCCGGGCTCTGA 95
||||| ||||| |||||
Db 18 AGGGCCCCACGACTCTGA 1

RESULT 1480
US-10-280-183A-467/c
; Sequence 467, Application US/10280183A
; Publication No. US2004008196A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Reed, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652

; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 467
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-467

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 829 CTCACCTTGTCTTTGAG 846
||||| ||||| |||||
Db 19 CTCAGGCTTGTCTTTGAG 2

RESULT 1481
US-10-292-849-23/c
; Sequence 23, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-849-23

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 848 ACCTGGACAGGACCTGA 865
||||| ||||| |||||
Db 19 ACGTGGAGAGGACCGGA 2

RESULT 1482
US-10-292-849-28/c
; Sequence 28, Application US/10292849
; Publication No. US20040092463A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
; FILE REFERENCE: RTS-0170
; CURRENT APPLICATION NUMBER: US/10/292,849
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-292-849-28

Query Match
Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 753 GGAAGTGTCTCTGCTCAA 770
||||| ||||| |||||
Db 18 GGAAGTGTCTCTGCTGAA 1

RESULT 1483
```

-10-292-849-96
Sequence 96, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:

APPLICANT: Andrew T. Watt
 TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
 FILE REFERENCE: RTS-0170
 CURRENT APPLICATION NUMBER: US/10/292,849
 CURRENT FILING DATE: 2002-11-11
 NUMBER OF SEQ ID NOS: 138

;-10-292-849-96

Query Match	0.8%	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%	Pred. No. 8.4e+02;		
Matches 15: Conservative	0: Mismatches	3: Indels		

848 ACCTGGACAAGGACCTGA 865
2 ACGTGGAGAAAGGACCGGA 19

RESULT 1484

3-10-292-849-100
Sequence 100, Application US/10292849
Publication No. US20040092463A1
GENERAL INFORMATION:

APPLICANT: Andrew T. Watt
 TITLE OF INVENTION: MODULATION OF PIM-1 EXPRESSION
 FILE REFERENCE: RTS-0170
 CURRENT APPLICATION NUMBER: US/10/232,849
 CURRENT FILING DATE: 2002-11-11
 NUMBER OF SEQ ID NOS: 138

FEATURE:
3-10-292-849-100

Query Match	0.8%;	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%;	Pred. No. 8.4e+02;		
Matches	15;	Conservative	0;	Mismatches 3;
		Indels	0;	Gaps 0;

753 GGAAAGTGTCCCTGCTCAA 770
3 GGAAAGTGTCCCTGCTGAA 20

RESULT 1485

Sequence 24, Application US/10293869
Publication No. US2004009740A1
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Deane
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF JUMONJI EXPRESSION
FILE REFERENCE: HTS-0012
CURRENT APPLICATION NUMBER: US/10/293,869

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-293-869-24

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels

Qy 1161 GGGTGTGGGCTGCATCTT 1178
db 3 GGGTGTGGACCATCTT 20

RESULT 1486

```

RESULTS OF SEARCH :
US-10-298-994-123/C
; Sequence 123, Application US/10298994
; Publication No. US2004009746A1
;
GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CHECKPOINT KINASE , EXPRESSION

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```

; FILE REFERENCE: HTS-0006
; CURRENT APPLICATION NUMBER: US/10/298,994
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-994-123

```

Qy 138 GAAGATCAAACGGCAGCT 155
|||
Db 18 GAAGATTAAAGGGAAGCT 1

RESULT 1487

US-10-300-236-48/c
; Sequence 48, Application US/10300236
; Publication No. US20040097448A1
; GENERAL INFORMATION:

```

/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: MODULATION OF CD24 EXPRESSION
/
/ FILE REFERENCE: RTS-0178
/ CURRENT APPLICATION NUMBER: US/10/300,236
/ CURRENT FILING DATE: 2002-11-19
/ NUMBER OF SEQ ID NOS: 148
/

```

```

/ SEQ ID NO 48
/
/ LENGTH: 20
/
/ TYPE: DNA
/
/ ORGANISM: Artificial Sequence
/
/ FEATURE:
/
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-236-48

```

QY 1282 CCAGGCATCCTGTCCAAC 1299
|||
Dh 19 CCAAGCATCCTGAGCAAC 2

RESULT 1488

US-10-300-236-118
; Sequence 118, Application US/10300236
; Publication No. US20040097448A1

```

; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF CD24 EXPRESSION
; FILE REFERENCE: RTS-0178
; CURRENT APPLICATION NUMBER: US/10/300,236
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-236-118

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1282 CCAGCATCTCTGTCACAC 1299
||| ||||| |||||
1b 2 CCAAGCATCTCTGAGCAAC 19

RESULT 1489
US-10-303-266-54/c
; Sequence 54, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: RTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-266-54

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 GTTCCTGTTCCAGCTGCT 935
||| ||||| |||||
Db 20 GTCCTGCTCCAGCTCCT 3

RESULT 1490
US-10-303-266-130
; Sequence 130, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: RTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-266-130

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 GTTCCTGTTCCAGCTGCT 935
||| ||||| |||||
Db 20 GTCCTGCTCCAGCTCCT 3

RESULT 1489
US-10-304-105-58/c
; Sequence 58, Application US/10304105
; Publication No. US20040101854A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BCL2-ASSOCIATED ATHANOGENE EXPRESSION
; FILE REFERENCE: HTS-0003
; CURRENT APPLICATION NUMBER: US/10/304,105
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-105-58

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1560 GTCGATGCCTCACTCAGG 1577
||| ||||| |||||
Db 1 GTCGCTTCCTCACTCAGG 18

RESULT 1492
US-10-304-105-58/c
; Sequence 58, Application US/10304105
; Publication No. US20040101854A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BCL2-ASSOCIATED ATHANOGENE EXPRESSION
; FILE REFERENCE: HTS-0003
; CURRENT APPLICATION NUMBER: US/10/304,105
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-105-58

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1560 GTCGATGCCTCACTCAGG 1577
||| ||||| |||||
Db 20 GTCGCTTCCTCACTCAGG 3

RESULT 1493
US-10-304-107-70
; Sequence 70, Application US/10304107
; Publication No. US20040101855A1
; GENERAL INFORMATION:
```

APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0433
CURRENT APPLICATION NUMBER: US/10/304,107
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
3-10-304-107-70
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAACA 1451
|||||
3 AGAGGATGACATGAAGA 20
RESULT 1494
3-10-304-107-135/c
Sequence 135, Application US/10304107
Publication No. US20040101855A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0433
CURRENT APPLICATION NUMBER: US/10/304,107
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 135
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
3-10-304-107-135
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAACA 1451
|||||
18 AGAGGATGACATGAAGA 1
RESULT 1495
3-10-303-325-29/c
Sequence 29, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-303-325-29
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAACA 1451
|||||
18 AGAGGATGACATGAAGA 1
RESULT 1496
US-10-303-325-106
Sequence 106, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-303-325-106
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
847 TACCTGGACAGGACCTG 864
|||||
19 TCCCTAGAGAGGACCTG 2
RESULT 1497
US-10-303-420-94
Sequence 94, Application US/10303420
Publication No. US20040102398A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
FILE REFERENCE: RTS-0417
CURRENT APPLICATION NUMBER: US/10/303,420
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 271
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-94
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
847 TACCTGGACAGGACCTG 864
|||||
2 TCCCTAGAGAGGACCTG 19
RESULT 1498
US-10-688-706-63/c
Sequence 63, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0433
CURRENT APPLICATION NUMBER: US/10/304,107
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
3-10-304-107-70
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAACA 1451
|||||
3 AGAGGATGACATGAAGA 20
RESULT 1494
3-10-304-107-135/c
Sequence 135, Application US/10304107
Publication No. US20040101855A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0433
CURRENT APPLICATION NUMBER: US/10/304,107
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 135
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
3-10-304-107-135
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAACA 1451
|||||
18 AGAGGATGACATGAAGA 1
RESULT 1495
3-10-303-325-29/c
Sequence 29, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-303-325-29
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1434 AGAGGATGCCATGAACA 1451
|||||
18 AGAGGATGACATGAAGA 1
RESULT 1496
US-10-303-325-106
Sequence 106, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 106
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-303-325-106
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
847 TACCTGGACAGGACCTG 864
|||||
19 TCCCTAGAGAGGACCTG 2
RESULT 1497
US-10-303-420-94
Sequence 94, Application US/10303420
Publication No. US20040102398A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF B7H EXPRESSION
FILE REFERENCE: RTS-0417
CURRENT APPLICATION NUMBER: US/10/303,420
CURRENT FILING DATE: 2002-11-23
NUMBER OF SEQ ID NOS: 271
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-420-94
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
847 TACCTGGACAGGACCTG 864
|||||
2 TCCCTAGAGAGGACCTG 19
RESULT 1498
US-10-688-706-63/c
Sequence 63, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION

[illegible]

1067 CAAAGACATCTCCCAATG 1084
||||| ||||| ||||| |||||
2 CAAAGTAATCTCCCACTG 19

RESULT 1503
S-10-688-706-1036
Sequence 1036, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1036
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
S-10-688-706-1036

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1186 ATGCCACACAGCGCGTCCC 1203
|| ||||| ||||| |||||
2 ATTACCACAGCGCGCCCC 19

RESULT 1504
S-10-688-706-1070
Sequence 1070, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1070
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
S-10-688-706-1070

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1186 ATGCCACACAGCGCGTCCC 1203
|| ||||| ||||| |||||
b 1 ATTACCACAGCGCGCCCC 18

RESULT 1505
S-10-688-706-1082
Sequence 1082, Application US/10688706

Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1082
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
US-10-688-706-1082

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1067 CAAAGACATCTCCCAATG 1084
||||| ||||| ||||| |||||
Db 1 CAAAGTAATCTCCCACTG 18

RESULT 1506
US-10-688-706-1793/c
Sequence 1793, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1793
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
US-10-688-706-1793

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGTCTG 358
||||| ||||| ||||| |||||
Db 19 ATTGAAGATGGGATGTG 2

RESULT 1507
US-10-688-706-1794/c
Sequence 1794, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Broschat, Kay
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268

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; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1794
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1794

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGGTCTG 358
Db 20 ATTGAAGATGGGATGTG 3

RESULT 1508
US-10-688-706-1867
; Sequence 1867, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1867
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1867

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCATCA 898
Db 3 ACTGTGGGAACATCATCA 20

RESULT 1509
US-10-688-706-2156
; Sequence 2156, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2156
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2156

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCATCA 898
Db 3 ACTGTGGGAACATCATCA 20

RESULT 1510
US-10-688-706-2548/c
; Sequence 2548, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2548
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2548

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGGTCTG 358
Db 18 ATTGAAGATGGGATGTG 1

RESULT 1511
US-10-688-706-3054
; Sequence 3054, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3054
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-3054

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 662 ACAAGGCAAAAGCAAGC 679
Db 3 ACTAAGGAAAGCAAC 20
```

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US-10-688-706-2156

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 881 ACTGTGGGAACATCATCA 898
Db 2 ACTGTGGGAACATCATCA 19

RESULT 1510
US-10-688-706-2548/c
; Sequence 2548, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2548
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-2548

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 341 ACTTGAAGATGGGGTCTG 358
Db 18 ATTGAAGATGGGATGTG 1

RESULT 1511
US-10-688-706-3054
; Sequence 3054, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3054
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-3054

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 662 ACAAGGCAAAAGCAAGC 679
Db 3 ACTAAGGAAAGCAAC 20
```

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SULT 1512
-10-688-706-3055
Sequence 3055, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3055
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
-10-688-706-3055

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
2 ACTAAGGAAAGCAAC 19

SULT 1513
-10-688-706-3060
Sequence 3060, Application US/10688706
Publication No. US20040102412A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
FILE REFERENCE: 01393/1
CURRENT APPLICATION NUMBER: US/10/688,706
CURRENT FILING DATE: 2003-10-17
PRIOR APPLICATION NUMBER: 60/419,268
PRIOR FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 3071
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3060
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human GFAT antisense
-10-688-706-3060

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
1 ACTAAGGAAAGCAAC 18

SULT 1514
-10-303-635-70
Sequence 70, Application US/10303635
Publication No. US20040102621A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
FILE REFERENCE: RTS-0418
CURRENT APPLICATION NUMBER: US/10/303,635
CURRENT FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 257
SEQ ID NO 190
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-303-635-190

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
2 ACTAAGGAAAGCAAC 19

SULT 1515
US-10-303-635-190/c
Sequence 190, Application US/10303635
Publication No. US20040102621A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF FORKHEAD BOX C2 EXPRESSION
FILE REFERENCE: RTS-0418
CURRENT APPLICATION NUMBER: US/10/303,635
CURRENT FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 257
SEQ ID NO 190
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-303-635-190

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
2 ACTAAGGAAAGCAAC 19

SULT 1516
US-10-315-962-67
Sequence 67, Application US/10315962
Publication No. US20040109849A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
FILE REFERENCE: PTS-0046
CURRENT APPLICATION NUMBER: US/10/315,962
CURRENT FILING DATE: 2000-12-09
NUMBER OF SEQ ID NOS: 126
SEQ ID NO 67
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-67

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

662 ACAAGGCAAGCAAGC 679
|||||
1 ACTAAGGAAAGCAAC 18
```



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QY 39 GGCAGGAGGACCAGCAGT 56
      ||||| ||||| |||||
DB 3 GGCAGCAGCAGCAGCAGT 20

RESULT 1517
US-10-315-962-74
; Sequence 74, Application US/10315962
; Publication No. US20040109848A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF AP-2 ALPHA EXPRESSION
; FILE REFERENCE: PTS-0046
; CURRENT APPLICATION NUMBER: US/10/315,962
; CURRENT FILING DATE: 2000-12-09
; NUMBER OF SEQ ID NOS: 126
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-962-74

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGCAGAGTCCTCCCTACCCCT 836
      ||||| ||||| |||||
DB 3 GGAAATTCCTTAACCCCT 20

RESULT 1518
US-10-315-474-30
; Sequence 30, Application US/10315474
; Publication No. US20040110139A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RIS-0338
; CURRENT APPLICATION NUMBER: US/10/315,474
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-474-30

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 490 GACATCCGGCTGCTGTGAG 507
      ||||| ||||| |||||
DB 3 GACACCAGGCTGCTGTGAG 20

RESULT 1519
US-10-315-474-102/c
; Sequence 102, Application US/10315474
; Publication No. US20040110139A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie

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```
126 GGATCGATGACGAAGAT 143
|||||
3 GGCTCTGATGACGAAGAT 20

SULT 1522
-10-316-755-23/c
Sequence 23, Application US/10316755
Publication No. US20040110152A1
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: MODULATION OF MATRIX METALLOPROTEINASE 11 EXPRESSION
FILE REFERENCE: RTS-0381
CURRENT APPLICATION NUMBER: US/10/316,755
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 277
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-316-755-23

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

355 TCTGATGGGAGAGTGAC 372
|||||
18 TCTGATGGGCTGAGTGCC 1

SULT 1523
-10-317-249-27/c
Sequence 27, Application US/10317249
Publication No. US20040110155A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Tamara Balac Sipes
TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
FILE REFERENCE: RTS-0460
CURRENT APPLICATION NUMBER: US/10/317,249
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-317-249-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

610 GAGACCTACATTAAGCTG 627
|||||
18 GAGAACTACAGAAAGCTG 1

SULT 1524
-10-317-249-105
Sequence 105, Application US/10317249
Publication No. US20040110155A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
APPLICANT: Tamara Balac Sipes
TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
FILE REFERENCE: RTS-0460
CURRENT APPLICATION NUMBER: US/10/317,249

10017621-3sl.rnpb

; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-249-105

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 610 GAGACCTACATTAAGCTG 627
|||||
DB 3 GAGAACTACAGAAAGCTG 20

RESULT 1525
US-10-651-833-27
; Sequence 27, Application US/10651833
; Publication No. US20040110200A1
; GENERAL INFORMATION:
; APPLICANT: Peoples, Risa
; APPLICANT: Van Atta, Reuel B.
; TITLE OF INVENTION: POLYMORPHISM DETECTION AMONG HOMOLOGOUS SEQUENCES
; FILE REFERENCE: NX23
; CURRENT APPLICATION NUMBER: US/10/651,833
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US 60/407,598
; PRIOR FILING DATE: 2002-08-29
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: "n" represents a non-nucleosidic cross-linking agent
US-10-651-833-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 889 AACATCATCAACATGCAC 906
|||||
DB 3 AATATCAGCAACATTCAC 20

RESULT 1526
US-10-317-270-56/c
; Sequence 56, Application US/10317270
; Publication No. US20040110701A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-270-56
```

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 983 TCAAGCCCCCAACTGC 1000
|||||
DB 20 TCAAGCTTGGAACTGC 3

RESULT 1527
US-10-317-270-130
; Sequence 130, Application US/10317270
; Publication No. US20040110701A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sides
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 130
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-317-270-130

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 983 TCAAGCCCCCAACTGC 1000
|||||
DB 1 TCAAGCTTGGAACTGC 18

RESULT 1528
US-10-467-008-101
; Sequence 101, Application US/10467008
; Publication No. US2004011636A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; FILE REFERENCE: ISPH-0746
; CURRENT APPLICATION NUMBER: US/10/467,008
; PRIOR FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: PCT/US02/02805
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/780,045
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 1630 CCCAGCGGCGGCGCTG 1647
|||||
DB 3 CCCAGGGGCGAGCCGCG 20

RESULT 1529
US-10-679-532-7
; Sequence 7, Application US/10679532
; Publication No. US20040121376A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karas, James G
; APPLICANT: McKay, Robert
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0537
; CURRENT APPLICATION NUMBER: US/10/679,532
; CURRENT FILING DATE: 2003-10-06
; PRIOR APPLICATION NUMBER: US/09/800,629A
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: PCT/US00/07318
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 09/280,799
; NUMBER OF SEQ ID NOS: 210
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 654 CACCGTCTCAAGGCAA 671
|||||
DB 3 CATCGTCTGCAAGGAAA 20

RESULT 1530
US-10-671-395-39/c
; Sequence 39, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 927 CCAGCTGCTCCGTGCCT 944
|||||
DB 18 CCATCCGCTCCGTGACCT 1

RESULT 1531

```
10-671-395-96/c
Sequence 96, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 96
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-96

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
19 CCATCGCTCGTGACCT 2

SULT 1532
-10-671-395-97/c
Sequence 97, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 97
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-97

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCGCTCGTGACCT 3

SULT 1533
-10-671-395-302
Sequence 302, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 98
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-302

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCGCTCGTGACCT 3

SULT 1534
-10-671-395-327
Sequence 327, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 327
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-327

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCGCTCGTGACCT 3

SULT 1535
-10-671-395-355
Sequence 355, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 355
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-355

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

927 CCAGCTGCTCGTGACCT 944
|||||
20 CCATCGCTCGTGACCT 3
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 355
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-355

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 75 GGGAGGCGCCGCGGCTC 92
    |||||
Db 1 GGGAGGCGCGGCGGCTC 18

RESULT 1536
US-10-671-395-743
; Sequence 743, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 743
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-743

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAGCTGTG 1404
    |||||
Db 1 CTCATCACCAGGCTGTGG 18

RESULT 1537
US-10-671-395-1349
; Sequence 1349, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1349
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1349

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAGCTGTG 1404
    |||||
Db 2 CTCATCACCAGGCTGTGG 19

RESULT 1539
US-10-470-673-49/c
; Sequence 49, Application US/10470673
; Publication No. US20040137556A1
; GENERAL INFORMATION:
; APPLICANT: Spagnoli, Roberto
; APPLICANT: Achstetter, Tilman
; APPLICANT: Caulet, Gilles
; APPLICANT: Degryse, Eric
; APPLICANT: Dumas, Bruno
; APPLICANT: Pompon, Denis
; APPLICANT: Winter, Jacques
; TITLE OF INVENTION: Yeast strains autonomously producing steroids
; FILE REFERENCE: 2544-US-PCT
; CURRENT APPLICATION NUMBER: US/10/470,673
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: FR 0101294
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide X3TDH3
US-10-470-673-49

Query Match          0.8%; Score 13.2; DB 1; Length 20;
```

Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1077 CTCAATGAGTGGTGAC 1094
||||| ||||| |||||
20 CTCAATTGAGTTGTGCC 3

RESULT 1540
-10-776-099-8
Sequence 8, Application US/10776099
Publication No. US20040141957A1
GENERAL INFORMATION:
APPLICANT: Tsang, Wen-Chih
APPLICANT: Zheng, Tianli
APPLICANT: Huang, Chang Jiang
APPLICANT: AmCytte, Inc.
TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
TITLE OF INVENTION: Intermediate Stage of Development
FILE REFERENCE: 021164-000100US
CURRENT APPLICATION NUMBER: US/10/776,099
CURRENT FILING DATE: 2004-02-10
PRIOR APPLICATION NUMBER: US/09/895,585
PRIOR FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/215,634
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 60/246,306
PRIOR FILING DATE: 2000-11-06
PRIOR APPLICATION NUMBER: US 60/291,787
PRIOR FILING DATE: 2001-05-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: insulin LC RED
-10-776-099-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

505 GAGGGCTACCTGGAGAAG 522
||||| ||||| |||||
3 GAGGGGTCCCTGCAGAAG 20

RESULT 1541
-10-652-795-260/c
Sequence 260, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 260
LENGTH: 20

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-260

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 554 CCCTCAGCGCGCCTCC 571
||||| ||||| |||||
Db 18 CCCTCAGAGCCACATCC 1

RESULT 1542
US-10-652-795-304
Sequence 304, Application US/10652795
Publication No. US20040142346A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
TITLE OF INVENTION: ALPHA) EXPRESSION
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/652,795
CURRENT FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 304
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-652-795-304

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1098 GTGGTACCGCGCCCTGA 1115
||||| ||||| |||||
Db 1 GAGGTACAGGCGCCTCTGA 18

RESULT 1543
US-10-780-439-52/c
Sequence 52, Application US/10780439
Publication No. US20040142899A1
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
APPLICANT: Manoharan, Muthiah
APPLICANT: Bennett, C. Frank
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
ENHANCED BIOSTABILITY AND ALTERED BIODISTRIBUTION OF
OLIGONUCLEOTIDES IN MAMMALS
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cozen O'Connor
STREET: 1900 Market Street
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/780,439
FILING DATE: 17-Feb-2004
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Nguyen, Quan L.
REGISTRATION NUMBER: 46,957
REFERENCE/DOCKET NUMBER: ISIC0006-102
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-665-2000
TELEFAX: 215-665-2013
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-10-780-439-52

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCAGCGTGTCC 1405
|||||
DB 19 TCCTCACCAGCGGTCC 2

RESULT 1544

US-10-647-918-260/c
Sequence 260, Application US/10647918
Publication No. US20040152652A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
PRIOR FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US/09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US/09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 260
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-647-918-260

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTCC 571
|||||
DB 18 CCTCAGCGCGCACATCC 1

RESULT 1545

US-10-647-918-304
Sequence 304, Application US/10647918
Publication No. US20040152652A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US/09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US/09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 304
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-647-918-304

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1098 GTGCTACCGCGCCCTGA 1115
|||||
DB 1 GAGGTACAGCGCCTCTGA 18

RESULT 1546

US-10-426-769-5/c
Sequence 5, Application US/10426769
Publication No. US20040161412A1
GENERAL INFORMATION:
APPLICANT: Penn, Marc
TITLE OF INVENTION: Cell-Based VEGF Delivery
FILE REFERENCE: CCF-6374 NP
CURRENT APPLICATION NUMBER: US/10/426,769
CURRENT FILING DATE: 2003-10-01
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: oligonucleotide primer
US-10-426-769-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGGCTGACTTGGCCTGG 1045
|||||
DB 20 TGGATGACCTTGGCCAGG 3

RESULT 1547

US-10-641-455A-152/c
Sequence 152, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.

APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 152
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-641-455A-152
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
804 TGACATTATCCACAGGGA 821
|||||
20 TGACATAAATTCACAGGGA 3
SULT 1548
-10-641-455A-250
Sequence 250, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wai Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
CURRENT FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 250
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
-10-641-455A-250
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
1631 CCACGAGGCGCGCTGG 1648
|||
2 CCACAGGCGCGCGCGG 19

RESULT 1549
US-10-619-739-1850
; Sequence 1850, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1850
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1850
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1624 CGAGGCCCGCAGCGGCGAG 1641
|||||
3 CGAGTCTACAGCGGCGAG 20
Db
RESULT 1550
US-10-476-962-46
; Sequence 46, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOP APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-46
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 331 GTGCACGAGGAGCTTGAAG 348
|||||
1 GTGTCCGAGGAGTGAAG 18
Db
RESULT 1551
US-10-476-962-93/c
; Sequence 93, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222

US-10-410-969-7
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 88 GGCTCTGAGGTTGCTCGC 105
|||||
Db 19 GGCTCTGATCTTGGTCGC 2
RESULT 1554
US-09-848-754A-9178/c
; Sequence 9178, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9178
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9178

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1366 CTTGATAGCGACG 1378
|||||
Db 13 CTTGATAGCGACG 1

RESULT 1555
US-09-864-636A-2387/c
; Sequence 2387, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2387
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2387

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 6.9e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 761 CCTGCTCAAGGACC 775
|||||
Db 15 CCTRCCCAAGGACC 1

US-10-476-962-93
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1023 CAAGCTGGCTGACTTGG 1040
|||||
Db 19 CAAAGTGGCGGACTTGG 2
RESULT 1552
US-10-476-962-155/c
; Sequence 155, Application US/10476962
; Publication No. US20040191904A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: R1S-0222
; CURRENT APPLICATION NUMBER: US/10/476,962
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/860,473
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-155

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 8.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 454 ACTGAGGACATCAACAAG 471
|||||
Db 19 ACAGAGTACATGAACAAG 2

RESULT 1553
US-10-410-969-7/c
; Sequence 7, Application US/10410969
; Publication No. US20040203004A1
; GENERAL INFORMATION:
; APPLICANT: Bernard, Hans-Ulrich
; APPLICANT: Li, Fuk Loi
; APPLICANT: Badal, Vinay
; TITLE OF INVENTION: DIAGNOSTIC APPARATUS AND METHOD
; FILE REFERENCE: 50309/002001
; CURRENT APPLICATION NUMBER: US/10/410,969
; CURRENT FILING DATE: 2003-04-10
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-410-969-7/c

SULT 1556
-09-864-426A-2387/c
Sequence 2387, Application US/09864426A
Publication No. US20040018489A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Ma, Wu Po
APPLICANT: Lyamichiev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2387
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-864-426A-2387

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 6.9e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

761 CCTGCTCAAGGACC 775
15 CCTRCCCAAGGACC 1

SULT 1557
-10-056-414-318
Sequence 318, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
Draper, Kenneth G.
McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/056,414
FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 318:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 318:
US-10-056-414-318

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 6.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACA 550
Db 3 CCCAUCUUGACA 15

RESULT 1558
US-10-084-839-2387/c
Sequence 2387, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2387
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-2387

Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 6.9e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 761 CCTGCTCAAGGACC 775
Db 15 CCTRCCCAAGGACC 1

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33-09-827-998-540
: Sequence 540, Application US/09827998
: Patent No. US20020102252A1
: GENERAL INFORMATION:
: APPLICANT: Gu Yizhong
: APPLICANT: Shannon, Mark
: TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
: FILE REFERENCE: WdMORF-8
: CURRENT APPLICATION NUMBER: US/09/827,998
: CURRENT FILING DATE: 2001-04-06
: PRIOR APPLICATION NUMBER: US 60/207,456
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: US 60/236,359
: PRIOR FILING DATE: 2000-09-27
: NUMBER OF SEQ ID NOS: 1881
: SOFTWARE: Aeomica Sequence Listing Engine
: SEQ ID NO 540
: LENGTH: 17
: TYPE: DNA
: ORGANISM: Homo sapiens
33-09-827-998-540

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps

QY      287  AACTTCGTTCTGC 299
      |||||
DB      5    AACTTCGTTCTGC 17

RESULT 1560
US-09-780-533A-10
: Sequence 10, Application US/09780533A
: Publication No. US20030060611A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Blatt, Larry
: APPLICANT: McSwiggen, Jim
: APPLICANT: Chowrira, Bharat
: APPLICANT: Haerberli, Pete
: TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
: FILE REFERENCE: MEH900.878-A (400/011)
: CURRENT APPLICATION NUMBER: US/09/780,533A
: CURRENT FILING DATE: 2001-02-09
: PRIOR APPLICATION NUMBER: US 60/181,797
: PRIOR FILING DATE: 2000-02-11
: NUMBER OF SEQ ID NOS: 6679
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 10
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-780-533A-10

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 7.8e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps

QY      84  CCGCGGCTCTGAG 96
      |||||
DB      1    CCGCGGCUCUGAG 13

RESULT 1561
US-09-927-046-966
: Sequence 966, Application US/09927046
: Publication No. US20030064946A1
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc

```

-09-848-754A-1869

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1627 GGCCCCAGCAGGC 1639

|||||
4 GGCCCCAGCAGGC 16

SULT 1564

-09-780-164-933/c

Sequence 933, Application US/09780164

Publication No. US2003009264A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20

FILE REFERENCE: 400/010

CURRENT APPLICATION NUMBER: US/09/780,164

CURRENT FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/185,516

PRIOR FILING DATE: 2000-02-28

NUMBER OF SEQ ID NOS: 2603

SOFTWARE: PatentIn version 3.0

SEQ ID NO 933

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

-09-780-164-933

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

398 AGGTGCAGTCTCC 410

|||||
17 AGGTGCAGTCTCC 5

SULT 1565

-09-740-332-479

Sequence 479, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0

SEQ ID NO 479

LENGTH: 17

TYPE: RNA

ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

-09-740-332-479

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

270 ACGTGTCTCTCT 282

|||||
5 ACGUGCUGCUCCU 17

RESULT 1566

US-09-740-332-480

Sequence 480, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0

SEQ ID NO 480

LENGTH: 17

TYPE: RNA

ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-480

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTCTCTCT 282

|||||
2 ACGUGCUGCUCCU 14

Db

RESULT 1567

US-09-740-332-4075/c

Sequence 4075, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003

CURRENT APPLICATION NUMBER: US/09/740,332

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9704

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4075

LENGTH: 17

TYPE: RNA

ORGANISM: artificial sequence

FEATURE:

NAME/KEY: misc_feature

LOCATION:

OTHER INFORMATION: oligonucleotide substrate

US-09-740-332-4075

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTCTCTCT 282

|||||
17 ACGTGTCTCTCT 5

Db

RESULT 1568

US-09-740-332-4076/c

Sequence 4076, Application US/09740332

Publication No. US20030125270A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

TITLE OF INVENTION: Hepatitis C Virus Infection

FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740.332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4076
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4076

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db |||||

RESULT 1569
US-09-792-818-250/c
Sequence 250, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
TITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MEHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 250
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-250

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTGGGAACTGG 610
Db |||||

RESULT 1570
US-09-792-818-577/c
Sequence 577, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
TITLE OF INVENTION: (GRID) Gene
FILE REFERENCE: MEHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23

NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 577
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-577

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 599 TTGGGAACTGGA 611
Db |||||

RESULT 1571
US-09-817-879-479
Sequence 479, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 479
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-479

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db |||||

RESULT 1572
US-09-817-879-480
Sequence 480, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 480
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-480

Query Match 0.7%; Score 13; DB 1; Length 17;

Best Local Similarity 69.2%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 0;
270 ACGTGTCTCTCT 282
||:||||:|
2 ACGUGUGUCCU 14

SULT 1573
-09-817-879-4075/c
Sequence 4075, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBH00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patent in version 3.0
SEQ ID NO 4075
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-4075

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
270 ACGTGTCTCTCT 282
|||||
17 ACGTGTCTCTCT 5

SULT 1574
-09-817-879-4076/c
Sequence 4076, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBH00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: Patent in version 3.0
SEQ ID NO 4076
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-4076

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
270 ACGTGTCTCTCT 282
|||||
14 ACGTGTCTCTCT 2

SULT 1575
-09-817-879-4076/c
Sequence 4076, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patent in version 3.0
SEQ ID NO 2069
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-09-817-879-4076

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 0;
1701 CTCTCTGCTCTACC 1713
|:|:|:|:|:|
5 CUCUCUGGUACC 17

SULT 1577
US-10-138-674-3449
Sequence 3449, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime

US-10-675-685-540
; Sequence 540, Application US/10675685
; Publication No. US2004006134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Ascomica Sequence Listing Engine
; SEQ ID NO 540
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-540

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0;
287 AACTTCGTTCTGC 299
|||||
5 AACTTCGTTCTGC 17

Db

RESULT 1576
US-10-138-674-2069
; Sequence 2069, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2069
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-2069

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 0;
1701 CTCTCTGCTCTACC 1713
|:|:|:|:|:|
5 CUCUCUGGUACC 17

Db

RESULT 1577
US-10-138-674-3449
; Sequence 3449, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime


```

; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; TITLE OF INVENTION: VIRUS REPLICATION
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-10-669-841-3072

Query Match          0.7%   Score 13;   DB 1;   Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
   |||:|:|:|:|:|:|
Db 5 ACGUGUGCUCCU 17

RESULT 1587
US-10-669-841-3073
; Sequence 3073, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-10-669-841-3072

Query Match          0.7%   Score 13;   DB 1;   Length 17;
Best Local Similarity 69.2%; Pred. No. 7.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
   |||:|:|:|:|:|:|
Db 5 ACGUGUGCUCCU 17

RESULT 1588
US-10-669-841-6668/c
; Sequence 6668, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPAT
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-10-669-841-3073
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PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6668
LENGTH: 17

TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
-10-669-841-6668

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

270 ACGTGTCTCTCT 282
|||||

17 ACGTGTCTCTCT 5

SULT 1589
-10-669-841-6669/c
Sequence 6669, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Patrice, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
FILE REFERENCE: 400/042US (MSHB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
PRIOR APPLICATION NUMBER: PCT/US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR FILING DATE: 2001-12-05
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6669
LENGTH: 17

TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-6669

Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

270 ACGTGTCTCTCT 282
|||||

14 ACGTGTCTCTCT 2

RESULT 1590
US-10-314-657-207
Sequence 207, Application US/10314657
Publication No. US20030175888A1
GENERAL INFORMATION:
APPLICANT: SHEN, Ben
APPLICANT: CHENG, Yi-Qiang
APPLICANT: TANG, Gong-Li
TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
FILE REFERENCE: 054030-0021
CURRENT APPLICATION NUMBER: US/10/314,657
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: PCT/US02/08937
PRIOR FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: US 60/278,935
PRIOR FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 214
SOFTWARE: PatentIn version 3.2
SEQ ID NO 207
LENGTH: 18
TYPE: DNA
ORGANISM: Streptomyces atroolivaceus
US-10-314-657-207

Query Match 0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

270 ACGTGTCTCTCT 1202
|||||

6 CCACAGGCGCTCC 18

RESULT 1591
US-10-453-792-248/c
Sequence 248, Application US/10453792
Publication No. US20040029110A1
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: ROSSAU, RUDI
APPLICANT: MAERTENS, GEERT
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSER: NIXON & VANDERHVE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-10-453-792-248

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```

Query Match      0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy      890 ACATCATCAACAT 902
      |||||
Eb      14 ACATCATCAACAT 2

```

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RESULT 1592
US-10-665-951-1035
; Sequence 1035, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1359
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1359

```

```

Query Match      0.7%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1035
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-665-951-1035

```

```

Query Match      0.7%; Score 13; DB 1; Length 19;
Best Local Similarity 84.6%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

```

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Qy      820 GAGGAGTCCCTCA 832
      |||||
Eb      1 GAGGAGUCCCUCA 13

```

```

RESULT 1593
US-10-665-951-1359/c
; Sequence 1359, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1359
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1359

```

Tue Nov 2 13:39:14 2004

820 GAGAGTCCCTCA 832
|||||
19 GAGAGTCCCTCA 7

SULT 1594
-09-735-995-47/c
Sequence 47, Application US/09735995
Patent No. US20010034024A1
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/735,995
CURRENT FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: 09/226,012
PRIOR FILING DATE: 1999-01-06
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
-09-735-995-47

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

828 COTCACCCTTGTC 840
|||||
16 COTCACCCTTGTC 4

SULT 1595
-09-824-322B-80/c
Sequence 80, Application US/09824322B
Publication No. US20030022848A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/09/824,322B
CURRENT FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 80
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
-09-824-322B-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1222 GTGGAGGACAGC 1234
|||||
b 20 GTGGAGGACAGC 8

RESULT 1596

US-09-816-814-9/c
Sequence 9, Application US/09816814
Publication No. US20030027136A1
GENERAL INFORMATION:
APPLICANT: Goronzy, Jorg J.
APPLICANT: Weyand, Cornelia M.
TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS
FILE REFERENCE: 07039-251001
CURRENT APPLICATION NUMBER: US/09/816,814
CURRENT FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer for PCR
US-09-816-814-9

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1077 CTCCAATGAGGTG 1089
|||||
Db 19 CTCCAATGAGGTG 7

RESULT 1597
US-09-151-376-33/c
Sequence 33, Application US/09151376
Publication No. US20030044383A1
GENERAL INFORMATION:
APPLICANT: Henderson, D.R.
APPLICANT: Schuur, E.R.
TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
FILE REFERENCE: 348022000221
CURRENT APPLICATION NUMBER: US/09/151,376
CURRENT FILING DATE: 1998-09-10
EARLIER APPLICATION NUMBER: 08/669,753
EARLIER FILING DATE: 1996-06-26
EARLIER APPLICATION NUMBER: 08/495,034
EARLIER FILING DATE: 1995-06-27
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: unknown
US-09-151-376-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACACGTGA 913
|||||
Db 17 ATGCACACGTGA 5

RESULT 1598
US-09-940-244-62/c
Sequence 62, Application US/09940244
Publication No. US20030044796A1
GENERAL INFORMATION:
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lyamichev, Victor
APPLICANT: Smith, Lloyd M.
TITLE OF INVENTION: Reactions on Dendrimers

```
; FILE REFERENCE: FORS-06478
; CURRENT APPLICATION NUMBER: US/09/940,244
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-940-244-62

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCCGAGG 182
    |||||
DB 19 GAGGTGCCGAGG 7

RESULT 1599
US-09-989-643-45
; Sequence 45, Application US/09989643
; Publication No. US20030049636A1
; GENERAL INFORMATION:
; APPLICANT: Bergeron, Michel G.
; APPLICANT: Picard, Francois J.
; APPLICANT: Ouellette, Marc
; APPLICANT: Roy, Paul H.
; TITLE OF INVENTION: Species-Specific, Genus-Specific and Universal DNA
; TITLE OF INVENTION: Probes and Amplification Primers to Rapidly Detect and
; TITLE OF INVENTION: Identify Common Bacterial and Fungal Pathogens and
; TITLE OF INVENTION: Associated Antibiotic Resistance Genes from
; FILE REFERENCE: 12287,29
; CURRENT APPLICATION NUMBER: US/09/989,643
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/297,539
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/743,637
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-11-04
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-989-643-45

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 782 ACGCCAACTCGT 794
    |||||
DB 2 ACGCCAACTCGT 14

RESULT 1600
US-09-906-158-43
; Sequence 43, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESS
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
```

```
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-43
```

```
Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 451 TCCACTGAGGACA 463
    |||||
DB 1 TCCACTGAGGACA 13
```

```
RESULT 1601
US-09-910-185-80
; Sequence 80, Application US/09910185
; Publication No. US20030083279A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION
; FILE REFERENCE: RTS-0258
; CURRENT APPLICATION NUMBER: US/09/910,185
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-910-185-80
```

```
Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1301 AGGAGTTCAAGAC 1313
    |||||
DB 5 AGGAGTTCAAGAC 17
```

```
RESULT 1602
US-09-864-636A-255/c
; Sequence 255, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-255
```

```
Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

170 GAGGTGGCCGAGG 182
|||||
19 GAGGTGGCCGAGG 7

SULT 1603
-09-758-282-52/c
Sequence 52, Application US/09758282
Publication No. US20030134349A1

GENERAL INFORMATION:
; APPLICANT: Ma, Wu-Po
; APPLICANT: Lyamichiev, Victor I.
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichieva, Natalie E.
; APPLICANT: Allawi, Hatim T.
; APPLICANT: Schaefer, James J.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Improved Enzymes for the Detection of Specific Nucleic
; TITLE OF INVENTION: Acid Sequences
; FILE REFERENCE: FORS-04323
; CURRENT APPLICATION NUMBER: US/09/758,282
; CURRENT FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
-09-758-282-52

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

170 GAGGTGGCCGAGG 182
|||||
19 GAGGTGGCCGAGG 7

SULT 1604
-09-964-059B-104/c
Sequence 104, Application US/09964059B
Publication No. US20030171875A1

GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
-09-964-059B-104

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1301 AGGAGTCAAGAC 1313
|||||
19 AGGAGTCAAGAC 7

SULT 1605
-09-851-871-66
Sequence 66, Application US/09851871

Publication No. US20030176374A1
GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karrias, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-66

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 GGCTTTGGGAAAC 607
|||||
DB 1 GGCTTTGGGAAAC 13

RESULT 1606
US-09-864-426A-255/c
; Sequence 255, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saisier, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-255

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
|||||
DB 19 GAGGTGGCCGAGG 7

RESULT 1607
US-10-033-297-62/c
; Sequence 62, Application US/10033297
; Publication No. US20020187486A1
; GENERAL INFORMATION:
; APPLICANT: Hall, Jeff G.

Lyamichev, Victor I.
Mast, Andrea L.
Brow, Mary Ann D.
TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/033,297
FILING DATE: 12-Jul-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/350,597
FILING DATE: 09-Jul-1999
APPLICATION NUMBER: US/08/823,516
FILING DATE: 24-MAR-1997
APPLICATION NUMBER: PCT/US97/01072
FILING DATE: 21-JAN-1997
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/758,314
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,386
FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 24-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 62:

US-10-033-297-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGGAG 182
DB 19 GAGGTGGCGGAG 7

RESULT 1608
US-10-145-493B-11/c
; Sequence 11, Application US/10145493B
; Publication No. US2003009677A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: MacLeod, Robert

; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation of Gene Expression by Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-11

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517
DB 13 GAGGGCTACCTGG 1

RESULT 1609
US-10-016-149-17
; Sequence 17, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-17

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1035 CTTTGGCCTGGCC 1047
DB 3 CTTTGGCCTGGCC 15

RESULT 1610
US-10-024-396-41/c
; Sequence 41, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
10-024-396-41

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

626 TGGACAAACTGGG 638
13 TGGACAAACTGGG 1

SULT 1611
-10-139-089-33/c
Sequence 33, Application US/10139089
Publication No. US20030152553A1
GENERAL INFORMATION:
APPLICANT: Henderson, D.R.
TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
FILE REFERENCE: 348022000221
CURRENT APPLICATION NUMBER: US/10/139,089
CURRENT FILING DATE: 2002-05-02
PRIOR APPLICATION NUMBER: 08/669,753
PRIOR FILING DATE: 1996-06-26
PRIOR APPLICATION NUMBER: 08/495,034
PRIOR FILING DATE: 1995-06-27
PRIOR APPLICATION NUMBER: 09/509,591
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 09/151,376
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 09/033,428
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: 60/039,597
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 09/033,555
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: 60/039,763
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 09/033,333
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: 60/039,762
PRIOR FILING DATE: 1997-03-03
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: unknown
3-10-139-089-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

901 ATGCACAACTGA 913
17 ATGCACAACTGA 5

3SULT 1612
3-10-290-386-62/c
Sequence 62, Application US/10290386
Publication No. US20030152971A1
GENERAL INFORMATION:
APPLICANT: Lyamichiev, Victor
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lukowiak, Andrew A.
TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences

FILE REFERENCE: FORS-07459
CURRENT APPLICATION NUMBER: US/10/290,386
CURRENT FILING DATE: 2002-11-07
PRIOR APPLICATION NUMBER: 60/361,060
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/344,946
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 09/713,601
PRIOR FILING DATE: 2000-11-15
PRIOR APPLICATION NUMBER: 09/381,212
PRIOR FILING DATE: 2000-02-08
PRIOR APPLICATION NUMBER: 09/350,309
PRIOR FILING DATE: 1999-07-09
PRIOR APPLICATION NUMBER: 08/823,516
PRIOR FILING DATE: 1997-03-24
PRIOR APPLICATION NUMBER: 08/759,038
PRIOR FILING DATE: 1996-12-02
PRIOR APPLICATION NUMBER: 08/756,386
PRIOR FILING DATE: 1996-11-26
PRIOR APPLICATION NUMBER: 08/682,853
PRIOR FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 08/599,491
PRIOR FILING DATE: 1996-01-24
NUMBER OF SEQ ID NOS: 253
SOFTWARE: PatentIn version 3.1
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic
US-10-290-386-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGGAGG 182
DB 19 GAGGTGGCGGAGG 7

RESULT 1613
US-10-084-839-255/c
Sequence 255, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666

; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-255

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7
|||||

RESULT 1614

US-10-388-263-492
; Sequence 492, Application US/10388263
; Publication No. US20030228597A1

GENERAL INFORMATION:

; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR

TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND

TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION

FILE REFERENCE: ISIS-4503

CURRENT APPLICATION NUMBER: US/10/388,263

CURRENT FILING DATE: 2003-03-12

NUMBER OF SEQ ID NOS: 947

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 492

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense oligonucleotide

US-10-388-263-492

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 451 TCCACTGAGGACA 463
Db 1 TCCACTGAGGACA 13
|||||

RESULT 1615

US-10-094-886-272/c

; Sequence 272, Application US/10094886

; Publication No. US20040002120A1

GENERAL INFORMATION:

; APPLICANT: Kexuda, Ramesh
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Vernet, Corine A.

; APPLICANT: Li, Li
; APPLICANT: Gorman, Linda
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boldog, Ferenc
; APPLICANT: Guo, Xiaojia
; APPLICANT: Shenoy, Suresh
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Miller, Charles
; APPLICANT: Casman, Stacie
; APPLICANT: Pena, Carol
; APPLICANT: Gangolli, Bsha
; APPLICANT: Gusev, Vladimir
; APPLICANT: Smithson, Glenda
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Gerlach, Valerie
; APPLICANT: Pochart, Pascal
; APPLICANT: Fernandes, Elma
; APPLICANT: Shimkets, Richard
; APPLICANT: Rastelli, Luca
; APPLICANT: Spaderina, Steven
; APPLICANT: Laroche, William
; APPLICANT: Zhong, Mei

TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

FILE REFERENCE: 21402-290 B

CURRENT APPLICATION NUMBER: US/10/094,886

CURRENT FILING DATE: 2002-03-07

PRIOR APPLICATION NUMBER: 60/274,322

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/313,182

PRIOR FILING DATE: 2001-08-17

PRIOR APPLICATION NUMBER: 60/288,052

PRIOR FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: 60/318,510

PRIOR FILING DATE: 2001-09-10

PRIOR APPLICATION NUMBER: 60/274,281

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/314,018

PRIOR FILING DATE: 2001-08-21

PRIOR APPLICATION NUMBER: 60/274,194

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/274,849

PRIOR FILING DATE: 2001-03-09

PRIOR APPLICATION NUMBER: 60/296,693

PRIOR FILING DATE: 2001-06-07

PRIOR APPLICATION NUMBER: 60/313,626

PRIOR FILING DATE: 2001-08-21

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 298

SOFTWARE: PatentIn 2.1

SEQ ID NO 272

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-094-886-272

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 CCACCTGAGCTCTG 319
Db 16 CCACCTGAGCTCTG 4
|||||

RESULT 1616

US-10-277-216-81/c

; Sequence 81, Application US/10277216

; Publication No. US20040002470A1

GENERAL INFORMATION:

; APPLICANT: KEITH, TIM

TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4051
CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
10-277-216-81

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1255 TTAGGAACCCCAA 1267
|||||
17 TTAGGAACCCCAA 5

RESULT 1617
10-277-216-176/c
Sequence 176, Application US/10277216
Publication No. US2004002470A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4051
CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 176
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
3-10-277-216-176

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1255 TTAGGAACCCCAA 1267
|||||
17 TTAGGAACCCCAA 5

RESULT 1618
S-10-289-762-3020/c
Sequence 3020, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3020
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-3020

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
|||||
Db 13 TGAGGAGACGTGG 1

RESULT 1619
US-10-289-762-3023/c
Sequence 3023, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 3023
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-3023

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
|||||
Db 13 TGAGGAGACGTGG 1

RESULT 1620
US-10-126-022-81/c
Sequence 81, Application US/10126022
Publication No. US20040023215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-81

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGACCCCAA 1267
DB 17 TTAGGACCCCAA 5

RESULT 1621

US-10-126-022-176/c
; Sequence 176, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 176
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-176

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGACCCCAA 1267
DB 17 TTAGGACCCCAA 5

RESULT 1622

US-10-212-993-81
; Sequence 81, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQUIM EXPRESSION
; FILE REFERENCE: PIS-0031
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-81

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 864 GAAGCAGTACCTG 876
DB 1 GAAGCAGTACCTG 13

RESULT 1623

US-10-444-206-66
; Sequence 66, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karas, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-66

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 GGCTTTGGGAAC 607
DB 1 GGCTTTGGGAAC 13

RESULT 1624

US-10-356-861-62/c
; Sequence 62, Application US/10356861
; Publication No. US20040072182A1
; GENERAL INFORMATION:
; APPLICANT: Victor, Lyamichev
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07813
; CURRENT APPLICATION NUMBER: US/10/356,861
; CURRENT FILING DATE: 2003-02-03
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-356-861-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCCGAGG 182
DB 19 GAGGTGCCGAGG 7

SUFT 1625
-10-670-184-70/c
Sequence 70, Application US/10670184
Publication No. US20040077011A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
TITLE OF INVENTION: OBESITY
FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/10/670,184
CURRENT FILING DATE: 2003-09-24
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
-10-670-184-70
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1255 TTAGGAACCCCAA 1267
17 TTAGGAACCCCAA 5
SUFT 1626
3-10-670-117/c
Sequence 117, Application US/10670184
Publication No. US20040077011A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
TITLE OF INVENTION: OBESITY
FILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/10/670,184
CURRENT FILING DATE: 2003-09-24
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR FILING DATE: 1999-04-13
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 117
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
S-10-670-184-117
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1255 TTAGGAACCCCAA 1267
17 TTAGGAACCCCAA 5
SUFT 1627
S-10-696-708-47/c
Sequence 47, Application US/10696708
Publication No. US20040078833A1
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
TITLE OF INVENTION: SYNDROME GENE

FILE REFERENCE: 2323-164
CURRENT APPLICATION NUMBER: US/10/696,708
CURRENT FILING DATE: 2003-10-30
PRIOR APPLICATION NUMBER: US 09/735,995
PRIOR FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: US 09/226,012
PRIOR FILING DATE: 1999-01-06
PRIOR APPLICATION NUMBER: 09/122,847
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 47
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-696-708-47
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
828 CCTCACCCCTTGTG 840
16 CCTCACCCCTTGTG 4
RESULT 1628
US-10-303-325-60/c
Sequence 60, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-60
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1491 TCCTGACACTACT 1503
15 TCCTGACACTACT 3
RESULT 1629
US-10-303-325-130
Sequence 130, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 130
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
US-10-303-325-130

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1491 TCCTGACACTACT 1503
| | | | | | | | | | | | | | | | | |
b 6 TCCTGACACTACT 18

RESULT 1630
US-10-250-997-19
; Sequence 19, Application US/10250997
; Publication No. US20040110251A1
; GENERAL INFORMATION:
; APPLICANT: Grabowski et al.
; TITLE OF INVENTION: DETECTION OF PATHOGENIC BACTERIA
; FILE REFERENCE: 223374
; CURRENT APPLICATION NUMBER: US/10/250,997
; PRIOR FILING DATE: 2003-07-08
; PRIOR APPLICATION NUMBER: PCT/EP01/11901
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: DE 10100493.1
; PRIOR FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-10-250-997-19

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 9.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Y 912 GAAACTGTTCTCTGT 926
| | | | | | | | | | | | | | | | | |
b 1 GAAACTGTTCTCTGT 15

RESULT 1631
US-10-652-795-80/c
; Sequence 80, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 GTGAGGAACAGC 1234
| | | | | | | | | | | | | | | | | |
Db 20 GTGAGGAACAGC 8

RESULT 1632
US-10-647-918-80/c
; Sequence 80, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; PRIOR FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 GTGAGGAACAGC 1234
| | | | | | | | | | | | | | | | | |
Db 20 GTGAGGAACAGC 8

RESULT 1633
US-10-619-739-455/c
; Sequence 455, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-455

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 CAGACTGGAACAT 723
| | | | | | | | | | | | | | | | | |
Db 19 CAGACTGGAACAT 7

SULT 1634
-10-753-169-45
Sequence 45, Application US/10753169
Publication No. US20040185478A1
GENERAL INFORMATION:
APPLICANT: Bergeron, Michel G.
APPLICANT: Picard, Francois J.
APPLICANT: Ouellette, Marc
APPLICANT: Roy, Paul H.
TITLE OF INVENTION: Species-Specific, Genus-Specific and Universal DNA
TITLE OF INVENTION: Probes and Amplification Primers to Rapidly Detect and
TITLE OF INVENTION: Identify Common Bacterial and Fungal Pathogens and
TITLE OF INVENTION: Associated Antibiotic Resistance Genes from
FILE REFERENCE: 12287.29
CURRENT APPLICATION NUMBER: US/10/753,169
CURRENT FILING DATE: 2004-01-07
PRIOR APPLICATION NUMBER: US/09/297,539
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: 08/743,637
PRIOR FILING DATE: 1996-11-04
NUMBER OF SEQ. ID NOS: 174
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
-10-753-169-45
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
, 782 ACGCCCAACATCGT 794
, |||||
2 ACGCCCAACATCGT 14

Search completed: November 2, 2004, 13:32:43
DB time : 38 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

DM nucleic - nucleic search, using sw model

Run on: November 2, 2004, 15:06:19 ; Search time 1 Second

(without alignments)

4.240 Million cell updates/sec

Title: us-10-017-621-3

Perfect score: 1745

Sequence: 1 tggagagcgttaagatg.....gttcactgcacactgtcc 1745

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched:

66 seqs, 1215 residues

Total number of hits satisfying chosen parameters: 132

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 69 summaries

Database :

rstdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	2.6	46	1 N78054	ACCESSION:N78054
2	28	1.6	28	1 R38968	ACCESSION:R38968
3	17.8	1.0	24	1 A249706	ACCESSION:A249706
4	17.6	1.0	27	1 A2486233	ACCESSION:A2486233
5	16.6	1.0	25	1 A1202056	ACCESSION:A1202056
6	15.2	0.9	23	1 BM397693	ACCESSION:BM397693
7	15.2	0.9	23	1 A2860972	ACCESSION:A2860972
8	15	0.9	23	1 AZ501330	ACCESSION:AZ501330
9	14.6	0.8	21	1 AZ822301	ACCESSION:AZ822301
10	14.4	0.8	19	1 AZ315293	ACCESSION:AZ315293
11	14.4	0.8	20	1 AZ622226	ACCESSION:AZ622226
12	14.2	0.8	19	1 BM396331	ACCESSION:BM396331
13	13.8	0.8	19	1 AZ769047	ACCESSION:AZ769047
14	13.8	0.8	21	1 AZ850337	ACCESSION:AZ850337
15	13.6	0.8	20	1 CF317946	ACCESSION:CF317946
16	13.6	0.8	20	1 AZ619289	ACCESSION:AZ619289
17	13.4	0.8	16	1 A1590540	ACCESSION:A1590540
18	13.4	0.8	17	1 BM397652	ACCESSION:BM397652
19	13.4	0.8	18	1 BM397132	ACCESSION:BM397132
20	13.4	0.8	20	1 CL670850	ACCESSION:CL670850
21	13	0.7	20	1 AZ808202	ACCESSION:AZ808202
22	12.8	0.7	19	1 BX564021	ACCESSION:BX564021
23	12.8	0.7	19	1 A1587912	ACCESSION:A1587912
24	12.6	0.7	19	1 A1383415	ACCESSION:A1383415
25	12.6	0.7	19	1 A1696833	ACCESSION:A1696833
26	12.6	0.7	19	1 CF542982	ACCESSION:CF542982
27	12.6	0.7	19	1 AZ406101	ACCESSION:AZ406101
28	12.6	0.7	19	1 A2445563	ACCESSION:A2445563
29	12.6	0.7	19	1 A2485264	ACCESSION:A2485264
30	12.6	0.7	20	1 CF317946	ACCESSION:CF317946
31	12.4	0.7	16	1 A1000182	ACCESSION:A1000182
32	12.4	0.7	16	1 BM395110	ACCESSION:BM395110
33	12.4	0.7	18	1 BQ593906	ACCESSION:BQ593906

ALIGNMENTS

RESULT 1
N78054
LOCUS
DEFINITION
Yv71905.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN KINASE PCTAIRE-1 (HUMAN);, mRNA sequence.

ACCESSION
N78054
VERSION
N78054.1
KEYWORDS
EST.
SOURCE
Homo sapiens (human)

ORGANISM

REFERENCE
1 (bases 1 to 46)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiappelli,B., Chisoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Mieg,J., Trevisan,E., Underwood,K., Wohlmann,P., Waterston,R., Wilson,R. and Marra,M.

AUTHORS
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)

TITLE
JOURNAL
MEDLINE
PUBMED
COMMENT

Contact: Wilton RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

This clone is available royalty-free through LNL; contact the

C	34	12.4	0.7	19	1	BM395903
C	35	12.4	0.7	19	1	AZ381798
C	36	12.4	0.7	19	1	AZ465132
C	37	12.2	0.7	17	1	AW246893
C	38	12.2	0.7	46	1	N78054
C	39	11.8	0.7	16	1	A1154875
C	40	11.8	0.7	16	1	A1564878
C	41	11.8	0.7	16	1	AJ590280
C	42	11.8	0.7	17	1	BM399385
C	43	11.8	0.7	18	1	AJ598419
C	44	11.4	0.7	13	1	BM396800
C	45	11.4	0.7	13	1	CF543283
C	46	11.4	0.7	16	1	BM396717
C	47	11.4	0.7	16	1	BM396718
C	48	11.4	0.7	16	1	BM398198
C	49	11.4	0.7	16	1	BM399771
C	50	11.4	0.7	17	1	BM395627
C	51	11.4	0.7	17	1	BM398023
C	52	11.4	0.7	17	1	BM398024
C	53	11.4	0.7	17	1	BM399768
C	54	11.4	0.7	25	1	A1202056
C	55	11.2	0.6	16	1	AJ595030
C	56	11.2	0.6	16	1	AJ596548
C	57	11.2	0.6	17	1	BM396999
C	58	11.2	0.6	17	1	CF298796
C	59	11.2	0.6	17	1	CL436162
C	60	11	0.6	13	1	BQ595471
C	61	11	0.6	14	1	CF306911
C	62	11	0.6	15	1	AW059513
C	63	11	0.6	16	1	CL423510
C	64	10.8	0.6	14	1	CF298986
C	65	10.8	0.6	14	1	CF299461
C	66	10.8	0.6	15	1	AJ647870
C	67	10.8	0.6	15	1	CF330961
C	68	10.8	0.6	15	1	AJ591895
C	69	10.8	0.6	15	1	AJ599290

46 bp mRNA linear EST 28-JAN-1997
Yv71905.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN
KINASE PCTAIRE-1 (HUMAN);, mRNA sequence.

ACCESSION
N78054
VERSION
N78054.1
KEYWORDS
EST.
SOURCE
Homo sapiens (human)

REFERENCE
1 (bases 1 to 46)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiappelli,B., Chisoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Mieg,J., Trevisan,E., Underwood,K., Wohlmann,P., Waterston,R., Wilson,R. and Marra,M.

AUTHORS
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)

TITLE
JOURNAL
MEDLINE
PUBMED
COMMENT

Contact: Wilton RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu

This clone is available royalty-free through LNL; contact the

(<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 1.0%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 3.3;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 230 GTGGTGTGTGGCGGAGTG 250
|||||
Db 21 GTGGTGTGTGGGTAGTG 1

RESULT 4
LOCUS AZ486233 27 bp DNA linear GSS 05-OCT-2000
DEFINITION M0314B08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0314B08 F, genomic survey sequence.
ACCESSION AZ486233
VERSION AZ486233.1 GI:10652805
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 27)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0314 row: B column: 08
Seq primer: CGTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 27.
Location/Qualifiers
1..27
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0314B08"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 1.0%; Score 17.6; DB 1; Length 27;
Best Local Similarity 83.3%; Pred. No. 4.9;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1721 GCCATGTCACCTGCCACTTGTC 1744
|||||
Db 1 GCGATGTTACCTGCTTGTC 24

RESULT 5
LOCUS AI202056 25 bp mRNA linear EST 01-DEC-1998
DEFINITION q148ali.x1 NCI_CGAP Brn25 Homo sapiens cDNA clone IMAGE:1859708 3', similar to SW:R27A_HUMAN P14798 40S RIBOSOMAL PROTEIN S27A. [1] ;, mRNA sequence.
ACCESSION AI202056
VERSION AI202056.1 GI:3754662
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo. 1 (bases 1 to 25)
AUTHORS NCI/NINDS-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
TITLE National Cancer Institute / National Institute of Neurological Disorders and Stroke, Brain Tumor Genome Anatomy Project (CGAP/BTGP), Tumor Gene Index
JOURNAL Unpublished (1998)
COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgabbs-remail.nih.gov
Tissue Procurement: David N. Louis, M.D., Myrna R. Rosenfeld M.D., Ph.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/ILNL at: www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 558 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1859708"
/tissue_type="anaplastic oligodendroglioma"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_Brn25"
/note="Organ: brain; Vector: pT7T3D-pac (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGCGCATAGGTTTTTTTTTTTTTTTTTTT

FEATURES
source

TITLE
 JOURNAL
 COMMENT

Niederhauser, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddum@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0032 row: P column: 20
 Seg primer: CGTTGTAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

Location/Qualifiers
 1. .19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC1M0032P20"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.8%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 11;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

/ 230 GTGGTGGTGGTGGCGG 245
 |||||
 2 GTGGTGGTGGTGGTGG 17

RESULT 11
 Z622226
 LOCUS 20 bp DNA linear GSS 13-DEC-2000
 DEFINITION 1M0455A24R Mouse 10kb plasmid UUC1M library Mus musculus genomic
 clone UUC1M0455A24 R, genomic survey sequence.
 ACCESSION Z622226
 VERSION AZ622226.1 GI:11744416
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 DUNN, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, R., Stokes, R., Tingley, A., von
 Niederhauser, A. and Wright, D., Weiss, R.

TITLE
 JOURNAL
 COMMENT

Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddum@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0455 row: A column: 24
 Seg primer: CACACAGGAACACGTATGACC
 Class: plasmid ends
 High quality sequence stop: 20.

FEATURES

Location/Qualifiers
 1. .20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC1M0455A24"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.8%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 12;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
 |||||
 Db 2 GTGGTGGTGGTGGTGG 17

RESULT 12
 BM396331
 LOCUS 19 bp mRNA linear EST 17-JAN-2002
 DEFINITION 5009-0-2-E02.t.1 Chilcoat/Turkewitz cDNA (large fraction)
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM396331
 VERSION BM396331.1 GI:18196384
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 1 (bases 1 to 19)
 TURKEL, J. and Klobutcher, I.
 EST from Tetrahymena thermophila, strain CU428.1, growing cells
 Unpublished (2002)
 Contact: Turkewitz AP

Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES

Location/Qualifiers

1..19
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match

Best Local Similarity 0.8%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

CY 159 AATGACACTCCGAGTGGC 177
||||| ||||| |||||
Tb 1 AATGACTCACC GCGTGGC 19

RESULT 13

AZ769047/c

LOCUS

AZ769047 19 bp DNA linear GSS 16-FEB-2001
1M0569P15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0569P15 F, genomic survey sequence.

ACCESSION

AZ769047

VERSION

GSS.

KEYWORDS

Mus musculus (house mouse)

SOURCE

Mus musculus

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weis, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0569 row: P column: 15

Seq primer: CGTTGTAACACGCGCCAGT

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

1..19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="TUGC1M0569P15"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

Resource

Source

(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match

Best Local Similarity 0.8%; Score 13.8; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CY 1538 AGGAGGCCAGCCTTCGG 1554
||||| ||||| |||||
Db 19 AGGAAGCCATCCTTCGG 3

RESULT 14

AZ850337

LOCUS

AZ850337 21 bp DNA linear GSS 21-FEB-2001
2M0152H11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0152H11 F, genomic survey sequence.

ACCESSION

AZ850337

VERSION

GSS.

KEYWORDS

Mus musculus (house mouse)

SOURCE

Mus musculus

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 21)

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weis, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0152 row: H column: 11

Seq primer: CGTTGTAACACGCGCCAGT

Class: plasmid ends

High quality sequence stop: 21.

Location/Qualifiers

1..21

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC2M0152H11"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

Resource

Source

Query Match	0.88	Score 13.6	DB 1	Length 20
Best Local Similarity	80.0%	Pred. No.18		
Matches 16	Conservative	Mismatches 4	Indels 0	Gaps 0

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Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 18;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Ov      262 GCGCCGCCACAGGTGGTGCTCC 281

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Query Match
0.8%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 16; 1; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches

1099 TGGTACCGCCCTTCC 1113
 |||||
 17 TGGTACCGCCCTTCC 3

SULT 20
 670850/c
 CUS
 FINITION
 PRI0163a H12 - PRI0163a.B21 (20) Note: Recurring String Mixed stage
 fosmid library of P. pacificus var. California Pristionchus
 pacificus genomic, genomic survey sequence.
 CL670850
 CL670850.1 GI:50169220
 GSS
 Pristionchus pacificus
 Pristionchus pacificus
 Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
 Neodiplogasteridae; Pristionchus.
 1 (bases 1 to 20)
 Srinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J.
 AppADB: an AcedB database for the nematode satellite organism
 Pristionchus pacificus
 Nucleic Acids Res. 32 (1), D421-D422 (2004)
 Contact: Sommer RJ
 Evolutionary Biology
 Max-Planck-Institute for Developmental Biology
 Spemannstr. 37-39, Tuebingen D-72076, Germany
 Tel: 00497071601371
 Fax: 00497071601498
 Email: rafli.sommer@tuebingen.mpg.de
 This library was generated at Caltech, Pasadena, USA and end
 sequenced at Vancouver, Canada.
 Seq primer: T7
 Class: fosmid ends.
 Location/Qualifiers
 1..20
 /organism="Pristionchus pacificus"
 /mol_type="genomic DNA"
 /strain="California"
 /db_xref="taxon:54126"
 /clone_lib="Mixed stage fosmid library of P. pacificus
 var. California"
 /note="Vector: pEpifos-5 Fosmid vector"

Query Match 0.8%; Score 13.4; DB 1; Length 20;
 Best Local Similarity 93.3%; Pred. No. 20;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 / 1197 CCGTCCCTTTCCTTCC 1211
 |||||
 b 15 CCGTCCCTTTCCTTCC 1

RESULT 21
 Z808202
 LOCUS
 EFINATION
 2M0071F15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC2M0071F15 R, genomic survey sequence.
 CCESSION
 Z808202
 ERSION
 EYWORDS
 SOURCE
 ORGANISM
 Mus musculus
 Mus musculus
 Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 Dunn, P., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, R., Stokes, R., Tinge, A., von
 Niederhausern, A. and Wright, D., Weiss, R.

RESULT 22
 BX564021/c
 LOCUS
 DEFINITION
 BX564021 Glossina morsitans morsitans adult infected gut Glossina
 morsitans morsitans cDNA clone Tsetc01_q1c, mRNA sequence.
 ACCESSION
 BX564021
 VERSION
 BX564021.1 GI:33431221
 KEYWORDS
 SOURCE
 ORGANISM
 Glossina morsitans morsitans
 Glossina morsitans morsitans
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
 Hippoboscidae; Glossinidae; Glossina.
 1 (bases 1 to 19)
 Lehane, M.J., Aksoy, S., Gibson, W., Kerkhoun, A., Berriman, M.,
 Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N.
 Adult midgut expressed sequence tags from the tsetse fly Glossina
 morsitans morsitans and expression analysis of putative immune

TITLE
 JOURNAL
 COMMENT
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0071 row: F column: 15
 Seq primer: CACACAGGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers
 1..20
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 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0071F15"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (GI:4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 24;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 230 GTGGTGGTGGTGG 242
 |||||
 Db 1 GTGGTGGTGGTGG 13

RESULT 22
 BX564021/c
 LOCUS
 DEFINITION
 BX564021 Glossina morsitans morsitans adult infected gut Glossina
 morsitans morsitans cDNA clone Tsetc01_q1c, mRNA sequence.
 ACCESSION
 BX564021
 VERSION
 BX564021.1 GI:33431221
 KEYWORDS
 SOURCE
 ORGANISM
 Glossina morsitans morsitans
 Glossina morsitans morsitans
 Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
 Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
 Hippoboscidae; Glossinidae; Glossina.
 1 (bases 1 to 19)
 Lehane, M.J., Aksoy, S., Gibson, W., Kerkhoun, A., Berriman, M.,
 Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N.
 Adult midgut expressed sequence tags from the tsetse fly Glossina
 morsitans morsitans and expression analysis of putative immune


```

FEATURES
  source
    high quality sequence stop: 1.
    Location/Qualifiers
      1..119
        /organism="Homo sapiens"
        /mol_type="mrna"
        /db_xref="taxon:9606"
        /clone="IMAGE:2074101"
        /tissue_type="B-cell, chronic lymphocytic leukemia"
        /lab_host="DH10B"
        /clone_lib="NCI CGAP CLL1"
        /note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
was primed with a Not I - oligo(dT) primer [5',
TGTTACCAATCTGAAGTCGGACGCCGCGATGCTTTTTTTTTTTTTTTT
T 3']; double-stranded cDNA was ligated to Eco RI
adaptors (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of the modified pT7T3 vector.

```

Library is normalized, and was constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

729 GGGGGCACCCCTGACCGCC 747
||||| ||| ||| ||| |||
19 GGGGGCCCCCGCCCGCCCC 1

SULT 25
696833/c
CUS
FINITION
wc74e09.x1 NCI CGAP Panl Homo sapiens cDNA clone IMAGE:324392 3'
similar to TR:Q01942 Q01942 EXTENSIN ;contains element TAR1
repetitive element ;, mRNA sequence.

CESSION
RSION
YWORDS
URCE
ORGANISM
EST.
Homo sapiens
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)

CONTACT: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Life Technologies catalog #: 11548-013
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1542 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.

FEATURES
source
1..19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2324392"
/tissue_type="adenocarcinoma"
/lab_host="DH10B"
/clone_lib="NCI-CGAP_Panl"
/note="Organ: pancreas; Vector: pCMV-SPORT6; Site 1: Sall;
Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.72 Kb. Life Technologies catalog #:
11548-013"

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 555 CCTCAGCGCGCTCCGT 573
||||| ||| ||| ||| |||
O 19 CCTCCCCCGCTCCTCCGT 1

RESULT 26
F542982/c
OCUS
EFINITION
S014680w-024-030-P12-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA
clone 024-030-P12 5-PRIME, mRNA sequence.
CCESION
RSION
EYWORDS
EST.

SOURCE

ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

REFERENCE
AUTHORS
1 (bases 1 to 19)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,M., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.

TITLE
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

JOURNAL
MEDLINE
PUBMED
COMMENT
Plant J. 32 (5), 845-857 (2002)
22362189
12472698

Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851

Email: weisshaar@mpiz-koeln.mpg.de
Insert Length: 19 Std Error: 0.00
Plate: 30 row: P column: 12
Seq primer: SP6.

FEATURES
source
Location/Qualifiers
1..19
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:936786"
/db_xref="taxon:161934"
/clone="024-030-P12"
/tissue_type="leaf"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-leaf"
/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Einbeck, Germany, contact:
B.schulz@kws.de; cloning sites Sall-NotI, primer sites and
orientation:
SP6-Sall-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Best
Project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:<http://gabi.rzpd.de>"

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCTCCG 572
||||| ||| ||| ||| |||
Db 19 CCATCACCCCGCGTCG 1

RESULT 27
AZ406101/c
LOCUS
DEFINITION
1M0175011F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0175011 F, genomic survey sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
Mus musculus (house mouse)
GSS.
GI:10530114

ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb

TITLE

Plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLU, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddu@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0175 row: O column: 11
Seq primer: CGTTGTAACAGCGGCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1. .19

JOURNAL COMMENT

FEATURES source

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0175011"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1068 AAAGACATCTCCATGAG 1086
|||||||
Db 19 AAAGACACACCACAACAG 1

RESULT 28
AZ445563/c
LOCUS
DEFINITION
clone UUGC1M0241P18 F, genomic survey sequence.

ACCESSION
AZ445563
VERSION
KEYWORDS
SOURCE
ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

Plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLU, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddu@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0175 row: O column: 11
Seq primer: CGTTGTAACAGCGGCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1. .19

JOURNAL COMMENT

FEATURES source

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0241P18"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 26;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1068 AAAGACATCTCCATGAG 1086
|||||||
Db 19 AAAGACACACCACAACAG 1

RESULT 28
AZ445563/c
LOCUS
DEFINITION
clone UUGC1M0241P18 F, genomic survey sequence.

ACCESSION
AZ445563
VERSION
KEYWORDS
SOURCE
ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES

Location/Qualifiers

source

1. .19
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 28;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1099 TGGTACCGCGCCCG 1112

|||||
18 TGGTACCGCGCCCG 5

SULT 35

381798

CUS AZ381798 19 bp DNA linear GSS 02-OCT-2000
DEFINITION IM0138G01R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0138G01 R, genomic survey sequence.

ACCESSION

AZ381798

KEYWORDS

GSS

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Euthera; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weiss, R.

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plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0138 row: G column: 01

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

source

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0138G01"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

FEATURES

source

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0274D24"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.7%; Score 12.4; DB 1; Length 19;

Best Local Similarity 92.9%; Pred. No. 28;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGG 245

|||||
DB 6 GGTGGTGGTGGCGG 19

RESULT 36

AZ465132/c

LOCUS

DEFINITION

ACCESSION

AZ465132

KEYWORDS

GSS

SOURCE

Mus musculus (house mouse)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Euthera; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0274 row: D column: 24

Seq primer: CACACAGGAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

source

1. .19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M0274D24"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptorized mouse DNA was annealed to adaptorized vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 28;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGCAACAGTGAA 915
|||||
15 TGCAACAGTGAA 2

RESULT 37
LOCUS AW246893 17 bp mRNA linear EST 07-JAN-2000
DEFINITION 2822293.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:282293 5', mRNA sequence.
ACCESSION AW246893
VERSION
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
REFERENCE NIH-MGC <http://mgs.nci.nih.gov/>.
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)
JOURNAL Unpublished (1999)
COMMENT Other ESTs: 2822293.3prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling Hong/Rubin Laboratory cDNA library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing Project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: <http://www.genome.washington.edu> Low Quality Sequence: 7 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 17 contiguous distinct peaks following vector sequence.
Plate: LLCM9 row: A column: 14
High quality sequence stop: 7.
Location/Qualifiers
1..17

FEATURES
source
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:282293"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site1: XhoI; Site2: EcoRI; cDNA made by oligo-dr priming. Directionally cloned into EcoRI/XhoI sites using the following 5'

adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 25;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 GGCAGGAGGACCGACGAG 55
|||||
1 GGCAGGAGGACCGACGAG 17

RESULT 38
LOCUS N78054 46 bp mRNA linear EST 28-JAN-1997
DEFINITION YV71905_r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN KINASE PCTAIRE-1 (HUMAN); mRNA sequence.
ACCESSION N78054
VERSION
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 46)

REFERENCE Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiappelli, B., Chisoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J., Trevasaki, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R., and Marra, M.
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
97044478
8889549

CONTACT: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert length: 1438 Std Error: 0.00
Seq primer: reverse ET
High quality sequence stop: 1.
Location/Qualifiers
1..46

FEATURES
source
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3797462"
/db_xref="taxon:9606"
/clone="IMAGE:248216"
/sex="male"
/dev_stage="20 week-post conception fetus"
/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
/note="Organ: Liver and Spleen; Vector: p77T3D (Pharmacia) with a modified polylinker; Site_1: Pac I; Site_2: Eco RI; 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACGGAAGAATTAAGAATCTTTTCTTTTCTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified p77T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

Tue Nov 2 15:06:36 2004

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Query Match      0.7%; Score 12.2; DB 1; Length 46;
Best Local Similarity 58.8%; Pred. No. 52; Mismatches 0; Gaps 0;
Matches 20; Conservative 0;

362 GGGAGAGTGACCGAGGCTTCAGCCACGCTCCCTCGGA 395
|||||
38 GGGCAGGTGACATGGCTCAGGCGGTAGGCAGA 5

SULT 39
154875
CUS
FINITION
IMAGE:1477183 5' similar to TR:O14557 P25965_1 ; mRNA
sequence.
16 bp mRNA linear EST 30-SEP-1998
u80f04.r1 Soares mammary_gland NMLMG Mus musculus cDNA clone
A1154875
A1154875.1 GI:3683344
EST.
Mus musculus (house mouse)
ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
1 (bases 1 to 16)
Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T.,
Geisler, S., Kucaba, T., Lacy, M., Le, M., Martin, J., Morris, M.,
Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B.,
Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and
Waterston, R.
The WashU-HMI Mouse EST Project
Unpublished (1996)
Contact: Marra M/Mouse EST Project
WashU-HMI Mouse EST Project
Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
MGI:925539
Seq primer: -28ml3 rev2 ET from Amersham
High quality sequence stop: 1.
FEATURES
Location/Qualifiers
1..16
/organism="Mus musculus"
/mol_type="mRNA"
/db_xref="taxon:10090"
/clone="IMAGE:1477183"
/sex="female (lactating)"
/tissue_type="mammary gland"
/lab_host="DH10B"
/clone_lib="Soares mammary_gland NMLMG"
/notes="Vector: pT73D-Pac (Pharmacia) with a modified
polylinker; 1st strand cDNA was prepared from mammary
gland tissue from a lactating female, and was then primed
with a Not I - oligo(dT) primer. Double-stranded cDNA was
ligated to Eco RI adaptors (Pharmacia), digested with Not
I and cloned into the Not I and Eco RI sites of the
modified pT73 vector. Library is normalized. Library
was constructed by Bento Soares and M. Fatima Bonaldo."
Query Match      0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 26;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1183 GAGATGGCCACAGGC 1197
|||||
1 GAGATGGCCAAAGCC 15

RESULT 40
A1564678
LOCUS
16 bp mRNA linear EST 14-MAY-1999
A1564678

```

```

DEFINITION
t78903.x1 NCI CGAP Ut-1 Homo sapiens cDNA clone IMAGE:2214964 3'
similar to TR:O15214 Q15214 SALIVARY PROLINE-RICH PROTEIN 1
; contains element MSRI repetitive element ;, mRNA sequence.
A1564678
ACCESSION
A1564678.1 GI:4523135
VERSION
A1564678
KEYWORDS
EST.
SOURCE
Homo sapiens (human)
ORGANISM
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 16)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgaps-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bbrp/image/image.html
Trace considered overall poor quality
Insert Length: 1719 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1
POLYA=No.
FEATURES
Location/Qualifiers
1..16
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2214964"
/tissue_type="well-differentiated endometrial
adenocarcinoma, 7 pooled tumors"
/lab_host="DH10B"
/clone_lib="NCI CGAP Ut1"
/notes="Organ: uterus; Vector: pCMV-SPORT6; Site 1: SalI;
Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.75 kb. Life Technologies catalog #:
11538-014"
Query Match      0.7%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 26;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

560 GCGCGCCGCTCCGTC 574
|||||
1 GCGCGCCGCTCCGCC 15

Db

RESULT 41
AJ590280/c
LOCUS
16 bp DNA linear GSS 15-JAN-2004
AJ590280
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
366A04, genomic survey sequence.
AJ590280
AJ590280.1 GI:37939904
VERSION
GSS; left border; T-DNA flanking sequence.
KEYWORDS
Arabidopsis thaliana (thale cress)
SOURCE
Arabidopsis thaliana
ORGANISM
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosid II; Brassicales; Brassicaceae; Arabidopsis.
1
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F.,
Chauvin, S., Bechtold, N., Cruaud, C., Dekose, R., Pelleter, G.,
Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences

```



```

of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 16)
Balzergue,S.
Direct Submission
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..16
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
            /clone="366A04"
            /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
    misc_feature
        1..16
            /note="T-DNA flanking sequence
            left border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 682 ACAGACAACTTGTG 696
D5 16 AAAGACACATTGTG 2

RESULT 42
EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 17)
Balzergue,S.
Direct Submission
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..17
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
            /clone="468B04"
            /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
    misc_feature
        1..18
            /note="T-DNA flanking sequence
            right border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 CATCTTCCTGCTTA 1700
D5 4 CATTTGCCCTGCTTA 18

RESULT 44
of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 16)
Balzergue,S.
Direct Submission
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..16
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
            /clone="366A04"
            /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
    misc_feature
        1..16
            /note="T-DNA flanking sequence
            left border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 682 ACAGACAACTTGTG 696
D5 16 AAAGACACATTGTG 2

RESULT 42
EMBO Rep. 3 (12), 1152-1157 (2002)
MEDLINE
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 17)
Balzergue,S.
Direct Submission
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
FEATURES
    source
        1..17
            /organism="Arabidopsis thaliana"
            /mol_type="genomic DNA"
            /cultivar="Wassillewskija"
            /db_xref="taxon:3702"
            /clone="468B04"
            /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
    misc_feature
        1..18
            /note="T-DNA flanking sequence
            right border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 CATCTTCCTGCTTA 1700
D5 4 CATTTGCCCTGCTTA 18

RESULT 44

```

/note="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 164 CACTCGGAGGTGGCC 178

D5 1 CAATCGCGGTGGCC 15

RESULT 43

AJ598419

LOCUS

DEFINITION

Arabidopsis thaliana T-DNA flanking sequence, right border, clone

468B04, genomic survey sequence.

ACCESSION

AJ598419

KEYWORDS

GSS; right border; T-DNA flanking sequence.

SOURCE

Arabidopsis thaliana (thale cress)

ORGANISM

Arabidopsis thaliana

REFERENCE

1. Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A. T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

EMBO Rep. 3 (12), 1152-1157 (2002)

2363535

REFERENCE

2 (bases 1 to 18)

12446565

Balzergue, S.

Direct Submission

Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

Gaston Cremieux, 91057 Evry cedex, FRANCE

PCR was performed on DNA from transformants of Arabidopsis thaliana

plants from INRA (Versailles). The DNA fragment(s) resulting from

the PCR were directly sequenced from the left or the right border

to determine the genomic sequence flanking the insertion. T-DNA

derived sequences were removed. Information to order the

corresponding mutant line and a link to a database providing a

graphical display of the insertion site are available at

http://dbsgap.versailles.inra.fr/publiclines/. This sequence has

been generated in the framework of the French plant genomics

program 'Genoplante' (http://www.genoplante.com and

http://genoplante-info.infobiogen.fr).

FEATURES

Location/Qualifiers

1..18

/organism="Arabidopsis thaliana"

/mol_type="genomic DNA"

/cultivar="Wassillewskija"

/db_xref="taxon:3702"

/clone="468B04"

/clone_lib="Arabidopsis thaliana T-DNA insertion lines"

misc_feature

1..18

/note="T-DNA flanking sequence

right border"

Query Match
Best Local Similarity 0.7%; Score 11.8; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1686 CATCTTCCTGCTTA 1700

D5 4 CATTTGCCCTGCTTA 18

RESULT 44

```

96800/c
US
INITIATION
BM396800 13 bp mRNA linear EST 17-JAN-2002
5009-0-25-D03.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
BM396800
BM396800.1 GI:18196853
EST.
Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 13)
Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J., and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3
Location/Qualifiers
1..13
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 20;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1100 GGTACCGGCCCC 1112
|||||||
13 GGTACCGGCCCC 1

RESULT 45
BM396717/c
LOCUS
DEFINITION
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION
BM396717.1 GI:18196770
VERSION
EST.
KEYWORDS
Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 16)
Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J., and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3
Location/Qualifiers
1..16
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1100 GGTACCGGCCCC 1112
|||||||
13 GGTACCGGCCCC 1

RESULT 45
BM396717/c
LOCUS
DEFINITION
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION
BM396717.1 GI:18196770
VERSION
EST.
KEYWORDS
Tetrahymena thermophila
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 16)
Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J., and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3
Location/Qualifiers
1..16
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 47
 BM396718/c
 LOCUS
 DEFINITION 5009-0-24-E06.t.2 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM396718
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Tetrahymena thermophila
 Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
 Frankel,J. and Klobutcher,L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1..16
 Location/Qualifiers
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 31;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 48
 BM398398/c
 LOCUS
 DEFINITION 5009-0-45-A08.t.2 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM398398
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Tetrahymena thermophila
 Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
 Frankel,J. and Klobutcher,L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374

Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1..16
 Location/Qualifiers
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 31;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 49
 BM399771/c
 LOCUS
 DEFINITION 5009-0-61-C04.t.1 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM399771
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 Tetrahymena thermophila
 Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
 Frankel,J. and Klobutcher,L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1..16
 Location/Qualifiers
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 31;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
 |||||
 Db 15 GGTACCGGGCCCC 3

RESULT 50
 BM395627/c
 LOCUS
 DEFINITION 5009-0-1-E05.t.2 Chilcoat/Turkewitz cDNA (large fraction) EST 17-JAN-2002
 Tetrahymena thermophila cDNA, mRNA sequence.

Tue Nov 2 15:06:36 2004

```

SESSION BM395627 0.7%; Score 11.4; DB 1; Length 17;
SION BM395627.1 GI:18195680
WORD Tetrahymena thermophila
ORCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila; Ciliophora; Oligohymenophorea;
Eukaryota; Alveolata; Tetrahymenina; Tetrahymena.
Hymenostomatida; Tetrahymena.
1 (bases 1 to 17)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
TITLE Tetrahymena thermophila
JOURNAL Molecular Genetics and Cell Biology
COMMENT University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1100 GGTACCGGCCCC 1112
|||||
16 GGTACCGGCCCC 4

FEATURES
source
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

RESULT 52
BM398024/c
LOCUS BM398024 17 bp mRNA linear EST 17-JAN-2002
DEFINITION 5009-0-4-E01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM398024
VERSION BM398024.1 GI:18198077
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 17)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
TITLE Tetrahymena thermophila
JOURNAL Molecular Genetics and Cell Biology
COMMENT University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1100 GGTACCGGCCCC 1112
|||||
16 GGTACCGGCCCC 4

FEATURES
source
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

RESULT 53
BM399768/c
LOCUS BM399768 17 bp mRNA linear EST 17-JAN-2002
DEFINITION 5009-0-61-C01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM399768
VERSION BM399768.1 GI:18199821
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 17)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J. and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
TITLE Tetrahymena thermophila
JOURNAL Molecular Genetics and Cell Biology
COMMENT University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
1..17
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

```

JOURNAL
COMMENT

Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source

Location/Qualifiers
1..17
/organism="Tetrahymena thermophila"
/mol_type="rRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: BlueScript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
CY 1100 GGTACCGGCCCC 1112
DB 16 GGTACCGGCCCC 4

RESULT 54

A1202056/c
LOCUS
DEFINITION
Q148a11.x1 NCI_CGAP_Brn25 Homo sapiens cDNA clone IMAGE:1859708 3', similar to SW:R27A_HUMAN P14798 40S RIBOSOMAL PROTEIN S27A. [1] ; mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

A1202056.1 GI:3754662
EST.
Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
NCI/NINDS-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute / National Institute of Neurological Disorders and Stroke, Brain Tumor Genome Anatomy Project (CGAP/BTGP), Tumor Gene Index
Unpublished (1998)
Contact: Robert Strausberg, Ph.D.
Email: cgapsb@mail.nih.gov
Tissue Procurement: David N. Louis, M.D., Myrna R. Rosenfeld M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 558 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.

FEATURES
source

Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1859708"
/tissue_type="anaplastic oligodendroglioma"
/lab_host="DH10B"
/clone_lib="NCI_CGAP_Brn25"

/note="Organ: brain; Vector: p773D-Pac (Pharmacia) with a modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5', TGTTACCAATCTGAAGTCGAGCGCCGATAGGTTTTTTTTTTTTTTTTTTT T 3']; double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified p773 vector. Library is normalized, and was constructed by Bento Soares and M.Fatima Bonaldo."

Query Match 0.7%; Score 11.4; DB 1; Length 25;
Best Local Similarity 71.4%; Pred. No. 65;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
CY 121 GCCATGGATCGATGAGAG 141
DB 25 GCTAAGAAAGGAGAGAG 5

RESULT 55
A1595030
LOCUS
DEFINITION
A1595030.1 GI:37944654
VERSION
KEYWORDS
SOURCE
ORGANISM

Arabidopsis thaliana T-DNA flanking sequence, left border, clone 410A08, genomic survey sequence.
Arabidopsis thaliana T-DNA flanking sequence.
GSS; left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
1
Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)

JOURNAL
MEDLINE
PUBMED
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
FEATURES
source

22363535
12446565
Balzergue, S.
Direct Submission
Submitted (23-Oct-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.inbio.gen.fr>).
Location/Qualifiers
1..16
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassilewskija"
/db_xref="taxon:3702"
/clone="410A08"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1..16
/note="T-DNA flanking sequence left border"

misc_feature

Query Match 0.6%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 34;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

ESULT. 57	17 bp	linear	EST 17-JAN-2002
BM396999	5009-0-28-A01.t.2	Chilcoat/Turkewitz cDNA (large fraction)	
OCUS		Tetrahymena thermophila cDNA, mRNA sequence.	
EFINITION			
CCESION	BM396999		
ERSION	BM396999.1	GI:18197052	
EYWORDS	EST.		
OURCE	Tetrahymena thermophila		

/note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match
Best Local Similarity 0.6%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 153 GCTGTCGAATGACATC 168
|||||
Db 17 GCTGTCGAACGATACG 2

RESULT 59
CL436162/c
LOCUS
DEFINITION
PST2437-NL.Seg MICB1 Mus musculus genomic clone PST2437-NL.Seg
similar to Rps19, genomic survey sequence.

ACCESSION
CL436162
VERSION
CL436162.1 GI:45570661

KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM

REFERENCE
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 17)

Hicks,G.G.

www.EScells.ca

Unpublished (2002)

Contact: Hicks GG

Mammalian Functional Genomics Centre

Manitoba Institute of Cell Biology, University of Manitoba

ONS029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada

Tel: 204 787 2133

Fax: 204 787 2190

Email: hicksgg@cc.umanitoba.ca

UNNeoSV1 gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST2437-NL.Se

g Class: Gene Trap.

Location/Qualifiers

source

1..17

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="129 sv"

/db_xref="taxon:10090"

/clone="PST2437-NL.Seg"

/sex="Male"

/cell_type="Embryonic stem cell"

/cell_line="D3H (J1 subclone)"

/clone_lib="MICB1"

/note="Vector: U3NeoSV1"

Query Match
Best Local Similarity 0.6%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 AGGATGACAGGAATG 30
|||||
Db 16 AGGAAGCAACGATG 1

RESULT 60
BQ595471
LOCUS
DEFINITION
BQ12691-024-022-C18-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
cDNA clone 024-022-C18 5-PRIME, mRNA sequence.

ACCESSION

BQ595471

VERSION

BQ595471.1 GI:26125054

KEYWORDS

EST.

SOURCE

ORGANISM

Beta vulgaris

Beta vulgaris

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

REFERENCE

1 (bases 1 to 13)

AUTHORS

Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.

Construction of a 'unigene' cDNA clone set by oligonucleotide

fingerprinting allows access to 25 000 potential sugar beet genes

Plant J. 32 (5), 845-857 (2002)

22362189

12472698

Contact: Weishaar B

ADIS DNA core facility at MPIZ

Max-Planck-Institute for Plant Breeding Research

Carl-von-Linne Weg 10, 50829 Koeln, Germany

Fax: 00492215062851

Email: weishaar@piz-koeln.mpg.de

Insert Length: 13 Std Error: 0.00

Plate: 22 row: C column: 18

Seq primer: SP6; CATACGATTTAGGTGACACTATAG.

Location/Qualifiers

source

1..13

/organism="Beta vulgaris"

/mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding

line)"

/db_xref="GABI:191389"

/db_xref="taxon:161934"

/clone="024-022-C18"

/tissue_type="developing root"

/lab_host="EMD10B"

/clone_lib="MPIZ-ADIS-024-developing root"

/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;

cDNA library from sugar beet, library provided by KWS

Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites SalI-NotI, primer sites and

orientation:

SP6-SalI-CCAGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:

Sequencing granted in the context of the GABI-Beet

project, local PI: Dr. Katharina Schneider, coordinator:

Prof. Christian Jung; Sequence submission managed by

RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match 0.6%; Score 11; DB 1; Length 13;

Best Local Similarity 100.0%; Pred. No. 24;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1264 CCAACTGAGGA 1274

|||||

Db 3 CCAACTGAGGA 13

RESULT 61

CF306911

LOCUS

DEFINITION

CF306911 14 bp mRNA linear EST 15-AUG-2003
HDAL--05-D06.g1 OSHDAC1-overexpressing transgenic rice lambda phage
cDNA library I (HDAL) Oryza sativa (japonica cultivar-group) cDNA
clone HDAL--05-D06, mRNA sequence.

ACCESSION

CF306911

VERSION

CF306911.1 GI:33678672

KEYWORDS

EST.

SOURCE

ORGANISM

Oryza sativa (japonica cultivar-group)

Oryza sativa (japonica cultivar-group)

Eukaryota; Viridiplantae; Streptophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;

Ehrhartoideae; Oryzaceae; Oryza.

REFERENCE

1 (bases 1 to 14)

AUTHORS

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Naim,B.H.

Large-scale Sequencing Analysis of Rice ESTs


```

ACCESSION   CF298986
VERSION     CF298986.1  GI:33670747
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
ORGANISM    Eukarya; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzaeae; Oryza.
REFERENCE   1 (bases 1 to 14)
AUTHORS     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
            Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE       Large-scale Sequencing Analysis of Rice ESTs
JOURNAL     Unpublished (2003)
COMMENT     Contact: Nahm B.H.
            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
            of Bioscience and Bioinformatics, Myongji University
            Yongin, Kyeonggi, Korea
            Tel: 82 31 330 6193
            Fax: 82 31 321 6355
            Email: bnhnm@gbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES             source
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     /mol_type="mRNA"
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     /tissue_type="leaf"
     /dev_stage="7 days after germination"
     /lab_host="E.coli DH10B"
     /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
     /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
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            RT-PCR."

Query Match      0.6%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
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Db 14 GCTGTCAACGATAC 1

RESULT 65
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LOCUS      14 bp mRNA linear EST 15-AUG-2003
DEFINITION Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--03-H22, mRNA
sequence.
ACCESSION   CF299461
VERSION     CF299461.1  GI:33671222
KEYWORDS    EST.
SOURCE      Oryza sativa (japonica cultivar-group)
ORGANISM    Eukarya; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Ehrhartoideae; Oryzaeae; Oryza.
REFERENCE   1 (bases 1 to 14)
AUTHORS     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
            Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
TITLE       Large-scale Sequencing Analysis of Rice ESTs
JOURNAL     Unpublished (2003)
COMMENT     Contact: Nahm B.H.
            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
            of Bioscience and Bioinformatics, Myongji University
            Yongin, Kyeonggi, Korea
            Tel: 82 31 330 6193
            Fax: 82 31 321 6355
            Email: bnhnm@gbio.com, bnhnm@bio.myongji.ac.kr.

FEATURES             source
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     /organism="Oryza sativa (japonica cultivar-group)"

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/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="7LEAF--03-H22"
/tissue_type="leaf"
/dev_stage="7 days after germination"
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/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."

Query Match      0.6%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
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Db 14 GCTGTCAACGATAC 1

RESULT 66
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LOCUS      15 bp mRNA linear EST 07-JUL-2004
DEFINITION AJ647870 CSEQRAN19 Sus scrofa cDNA clone C0003260_019, mRNA
sequence.
ACCESSION   AJ647870
VERSION     AJ647870.1  GI:49324715
KEYWORDS    EST.
SOURCE      Sus scrofa (pig)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
REFERENCE   1 (bases 1 to 15)
AUTHORS     Anderson,S.I., Finlayson,H.A. and Archibald,A.L.
TITLE       Development of cDNA and EST resources for studying reproduction and
            embryo development in pigs and cattle
JOURNAL     Unpublished (2004)
COMMENT     Contact: Anderson SI
            Genomics and Bioinformatics
            Roslin Institute
            Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
            Single pass sequencing. Bases called and trimmed with phred
            v0.020425.c. Vector identified by cross_match with the -minscore 20
            and -mismatch 12 options. Vector:pBluescriptII(KS) R. Site1: EcoRI
            R. Site2: NotI 5', Seq Primer M13F Normalised library constructed
            from pooled ovaries. Clones available from UK Centre for Functional
            Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK,
            EH25 9PS, www.ark-genomics.org.

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Query Match      0.6%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 TGAAGAAGATCAAA 147
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Db 15 TGAGGAGGATCAAA 2

RESULT 67
CF330961/c
LOCUS      15 bp mRNA linear EST 18-AUG-2003

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Query Match      0.6%  Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 36;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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CY 500 TGCCTGAGGGCTAC 513
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Eb 2 TGACTGATGGCTAC 15
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Job time : 2 secs

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